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A

Air Valves (Snifter), 7-2
Air Vent - Zinc Plated Steel, 11-14
Air Volume Controls, 7-6
Aluminum Well Caps, 11-7

B

Ball Valves
- Brass/No Lead, 2-1 to 4
- CPVC, 2-13
- PVC, 2-13 to 15
- Stainless Steel, 2-5

Bi-Metal Thermometers, 6-8
Black Extension Pieces, 3-6
Bleeder Orifices, 7-2
Brass Compression Fittings, 3-53 to 55
Brass Flare Fittings, 3-49
Brass Garden Hose Fittings, 3-58
Brass Hose Barbs, 3-56
Brass Mini Barbs, 3-57
Brass Ready Cut Pipe, 3-31
Brass Snubbers, 6-6
Brass/No Lead Constant Pressure Manifold, 8-4
Bronze/No Lead Drop Ear Elbows, 3-31
Bronze/No Lead Pipe Fittings, 3-25 to 31
Bronze/No Lead Solder Fittings, 3-31

C

Cable Guards, 9-5
Cable Ties, 9-4
Cable Weight, 13-7
Check Valves
- Ball Check, 10-7
- Brass/No Lead, 10-1
- Bronze/No Lead, 10-1
- Cast Iron, 10-8
- Combination, 13-3
- Control Centre, 10-1
- Ductile Iron, 10-6
- Flomatic, 10-3
- Plastic, 10-5
- PVC In-Line, 10-5
- Stainless Steel, 10-2
- Sump Pump, 13-4
- Swing, 10-2

Circulator Couplings, 9-7
Clamps - Stainless Steel, 4-27 to 32
Combination Nipples, 3-60
Companion Flanges, 3-23
Compression Couplings, 4-5, 3-21
Compression Fittings Technical Data, 13-3
Contractor Bins & Nut Driver, 9-9
Conversion Table, 1-2
Countersunk Plugs, 3-22
Cup Leathers, 12-8

D

Dielectric Unions, 3-63
Dishwasher Magic, 16-1
Display Units, 3-46
Drive Caps, 12-4
Drive Couplings, 12-4
Drive Well Points, 12-4 to 5
Drop Ear Elbows, 3-31
Drop Pipe Couplings, 9-5

E

Electrical Tape, 9-3
Electrodes, 6-9

F

Filtration Products
- Cartridges, 5-7
- Housings, 5-2 to 6
- Sand Strainer/Separator, 5-13 to 19

Fittings (Pipe)
- 300 lb., 3-13 to 15
- Bronze/No Lead, 3-25 to 30
- Malleable, 3-2 to 10
- Merchant Steel, 3-22
- PVC Sched 40, 4-17 to 20
- PVC Sched 80, 4-21 to 24
- Stainless Steel Heavy Pattern, 3-33 to 37
- Stainless Steel Light Pattern, 3-38 to 41

Flare and Compression, 3-49
Flexible Couplings, 4-33
Flexible Elbows and Tees, 4-34
Flexible End Caps, 4-34
Flexible Plumbing Connectors, 4-35
Float Switches, 13-5, 6-12 to 13
Float Switches-Sump & Sewage, 13-5
Float Valves, 7-3
Floats, 7-4 to 5
Flow Control, 7-8
Foot Valves
- Brass/No Lead, 10-9
- Bronze/No Lead, 10-9
- Cast Iron, 10-9 to 11
- Flomatic, 10-9
- Plastic, 10-10
- Stainless Steel, 10-9

G

Garden Hose Fittings, 3-58
Gas Ball Valves, 2-6
Gauge Accessories, 6-6
Gauges, 6-1 to 6
Glycerine, 6-6
Gray Magic Pipe Thread Compound, 3-65
Gromet Kits, 11-14

H

Hand Pump, 12-7
Heat Shrink Kits, Tubing, 9-1 to 2
Heavy Duty Yard Hydrants, 12-1
Hole Saws, 11-3
Hose Bibbs, 2-8
Hose Menders, 3-60

I

Indicator Light, 6-14
Industrial Pitless, 11-5
Industrial Pitless Accessories, 11-11
Insert Fittings For Plastic Pipe
- Bronze, 4-1 to 7
- Nylon, 4-9
- Polypropylene, 4-14
- PVC, 4-10 to 13
- Stainless Steel, 4-2
- Zinc Plated Steel, 4-6

Insert Fittings For Rubber Hose
- Black, 3-60
- Brass, 3-58

Iron Out (Super), 16-1

J

Jet Points, 12-5

L

Lawn Faucets, 2-10
Lime Out, 16-1
Liquid Filled Gauges, 6-2 to 6
Liquid Level Alarms, 13-1
Liquid Level Controls, 13-5, 13-6, 6-9

M

Manifold Bracket, 8-4
Merchant Couplings, 3-21
Merchant Steel Pipe Fittings, 3-22
Mini Barbs, 3-57

N

Nipple Assortments, 3-19
Nipples Heavy Duty, 3-18
Nipples Standard
- Black, 3-16
- Bronze, 3-32
- Galvanized, 3-17
- PVC Sched 80, 4-25
- Stainless Steel, 3-42 to 43

No Hub Couplings, 4-35

P

Personnel Directory, 1-1
Pig Tail Syphons, 6-6
Pipe Cutters, 9-8

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Pipe Wrap, 9-3
Pitless Adapters
- Bronze/No Lead, 11-1
- Concrete Tile, 11-2
- Stainless Steel, 11-1
- Tapped, 11-1, 13-8

Pitless Bury Units, 11-4
Poly Tubing, 3-61
Polyethylene Tubing, 3-61
Pool and Spa, 14-1
Potassium Permanganate, 16-1
Pressure Sensors, 6-15
Pressure Switches
- Hubbell, 6-16
- Square D, 6-10 to 13

Pump Mounting Bracket, 8-4
Pump Rod, 12-7
Pump Savers, 12-5
Pump Wire, 15-1 to 2
Push Fit Valves and Fittings
- No Lead Brass, 3-68
- Plastic Quick Connect, 3-66
- Plastic Twistloc, 3-67

PVC Ball Check, 13-7
PVC Ball Valves, 2-13
PVC Compression Fittings, 4-15
PVC Drop Pipe, 9-5
PVC Sched 40 Fittings, 4-17 to 20
PVC Sched 80 Fittings, 4-21 to 24
PVC Tubing, 3-61
PVC Well Seal Air Vent, 11-14

Q

Quick Connect, 3-66

R

Ready Cut Pipe, 3-19
Ready Cut Pipe Rack, 3-20
Relief Valves
- Bronze/No Lead, 7-1
- PVC, 7-1
- Stainless Steel, 7-1

Rod Couplings, 12-7
Rope, 9-6
Rope Hangers, 9-5

S

Sediment Faucets, 2-7
Septobac Septic Treatment, 16-1
Shaft Seals, 9-7
Shielded Transition Couplings, 4-35
Silicone Lubricant, 11-3
Sillcock, 2-9
Snifter Valves, 7-2
Snubbers, 6-6
SS Drop Pipe Couplings, 9-5
Stainless Steel Constant Pressure Manifold, 8-4
Stainless Steel Tank Tee / Manifold Packages, 8-6
Standard Yard Hydrants, 12-3
Sump Pump Check Valves, 13-4
Sump/Sewage Check Valve, 13-4
Super Iron Out, 16-1
Switches
- Air Compressor, 6-11
- Float, 6-12 to 13
- Pressure, 6-11, 6-16
- Sump Pump, 13-5, 13-6

T

Tank Tee Packages, 8-5
Tank Tees
- Brass/No Lead, 8-1
- Galvanized, 8-3
- PVC, 8-3
- Stainless Steel, 8-3

Tape
- Electrical, 9-3
- Pipe Wrap, 9-3
- PTFE (polytetrafluoroethylene) Thread Seal Tape, 3-64

Tape Measures, 9-9
Technical Data re. Compression Fittings, 13-3
Thermometers, 6-8
Tilt Bins, 3-45
Toe Nipples, 3-18
Torque Arrestor Spiders, 9-4
Torque Arrestors, 9-4
Tridicators, 6-8

U

Union Connections, 4-2

V

Vacuum Breaker, 2-11
Vacuum Switch, 6-12
Valve Leathers, 12-8
Valves
- Air (Snifter), 7-2
- Ball, 2-1
- Check, 10-1 to 8
- Float, 7-3
- Foot, 10-9 to 11
- Gate, 2-1
- Lawn Faucets, 2-10
- Relief, 7-1
- Sediment, 2-7
- Stop, 2-7
- Supply 1/4 Turn, 2-12
- Washdown, 12-6

Venturi Adapters & Elbows, 4-7

W

Wall Faucet, 2-10
Wash Down Valves, 12-6
Washer Magic, 16-1
Water Box, 13-7
Water Level Gauges, 6-8
Well Caps, 11-7 to 10
Well Points, 12-4
Well Screen Caps, 12-6
Well Screens, 12-5
Well Seal Air Vent, 11-14
Well Seal Sanitary, 11-15
Well Seals, 11-12
White Brite, 16-1
Wire
- Bare Ground, 15-2
- TWU, 15-1

Wire Spuds, 11-3
Woolite Home Dry Cleaner, 16-1

Y

Y-Strainers, 10-11
Yard Hydrants, 12-1

Z

Zinc Plated Steel Air Vent, 11-14

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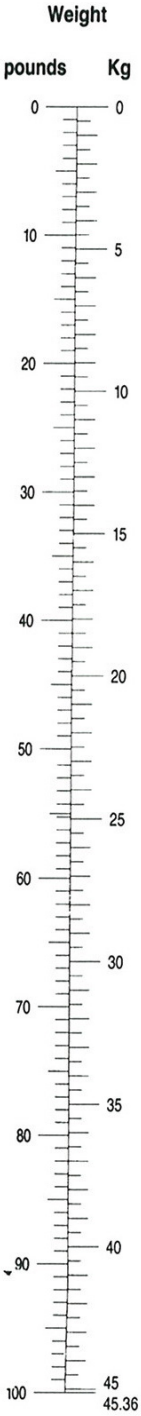
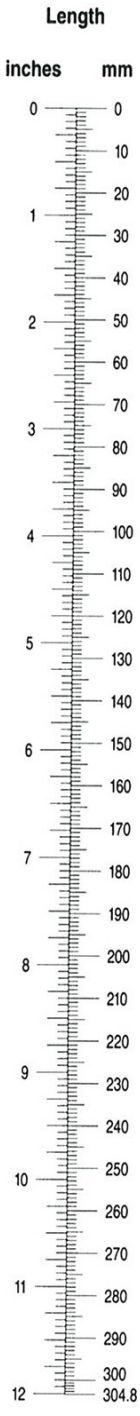
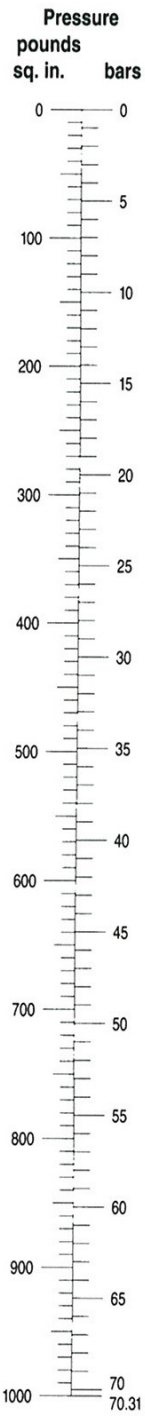
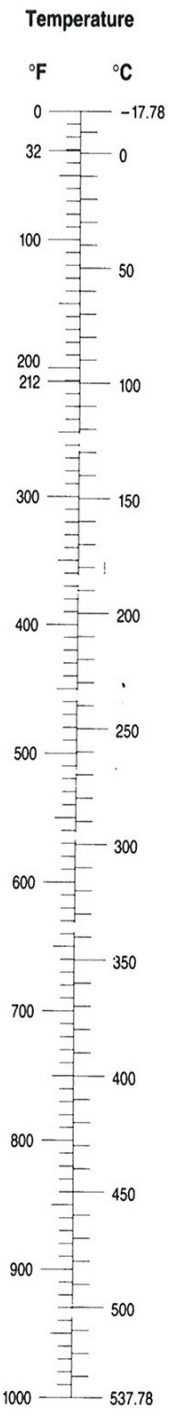
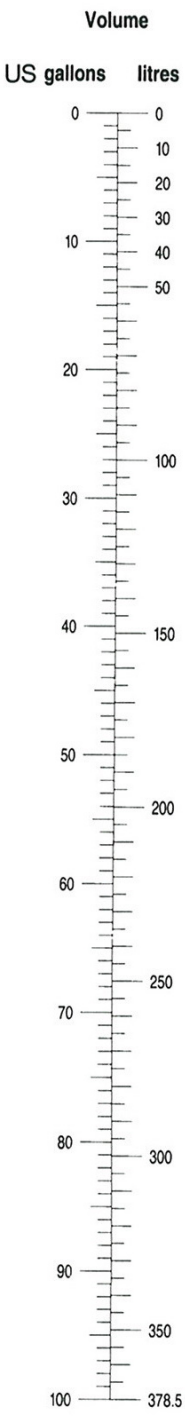
CONVERSION TABLE











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September 10/12

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CANADIAN TERMS AND CONDITIONS OF SALE

MINIMUM BILLING
Orders under $50.00 NET will be subject to a $5.00 minimum billing charge. All taxes are extra.

PREPAID TERMS
When freight is prepaid, Boshart Industries Inc. has the choice of how products are shipped. If a prepaid shipment requires special shipping, the difference will be charged to your invoice.

Ontario, Quebec:
Freight will be prepaid on orders of $1000.00 net or more to one location, unless otherwise specified.

Alberta, Saskatchewan, Manitoba, New Brunswick, Nova Scotia, Prince Edward Island:
Freight will be prepaid on orders of $1250.00 net or more to one location, unless otherwise specified.

British Columbia, Newfoundland (includes Labrador):
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ERRORS, SHORTAGES, ETC.
Any shipping errors or damaged goods must be reported within 7 days upon receipt of goods.

WARRANTY
Boshart Industries Inc. warranties this product to be free of defects in material and workmanship for a period of one year from date of purchase. The warranty covers the replacement of the defective product only and does not include damage or labour costs incurred. Faulty installation, abuse and/or misuse of product in a manner that is not intended voids this warranty.

The policy at Boshart Industries Inc. has been to issue credit or replace product on warranty claims upon confirming the validity of the warranty claim. Boshart Industries Inc. reserves the right to request that any or all products being claimed for warranty be returned for inspection.

All warranty returns must have a RA (Return Authorization) before being returned. RA's are valid for a period of 30 days from date of issue. Goods will be returned on the instruction of Boshart Industries Inc.

RESTOCKING CHARGE
A minimum restocking fee of 25% will be charged.
Product returned for restocking must be returned unused and in original packaging without additional stickers or labels.

OBSOLETE PRODUCT
Boshart Industries Inc. reserves the right to make changes in pattern, design or materials as required without prior notice. Products that have become obsolete by reason of design change or discontinued by the manufacturer may not be returned for credit.

SPECIAL ORDERS/MANUFACTURED PRODUCTS
Products made to a customer's specifications are not returnable or refundable. Request for cancellation of such orders will not be granted if the manufacture of the product is in process or if the manufacturer has purchased the necessary material.
POR items are considered non-stock items and cannot be returned.

ISO CERTIFICATION
A number of Boshart Industries Inc. suppliers have obtained ISO Certification. Boshart Industries will acknowledge these companies in their catalogue when the situation applies.

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SECTION 2
PLUMBING VALVES

PRODUCT LINE **PAGE**

Gate Valves 1

Ball Valves 1

Stainless Steel Ball Valves 5

Gas Ball Valves 6

Sediment Faucets, Stop/Stop & Waste Valves 7

Stainless Steel 1/4 Turn Ball Hose Bibbs 8

Hose Bibbs 8

Hose Bibbs - No-Kink 9

Bent Nose Garden Valve 9

Non-Freeze Lawn Faucets & Vacuum Breakers 10

Chrome Plated Supply Valves 12

PVC Ball Valves 13

Chemical and Temperature Characteristics 15

BRASS FULL PORT GATE VALVES

BII SERIES 0818

NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

- Max Pressure Rating: 200 PSI WOG Non-Shock based on ambient temperature
- Max Temp Rating: 150°F (66°C)
- Cast brass body
- Non-rising stem
- PTFE Packing
- Black cast hand wheel
- NSF/ANSI Standard 372 Certified (NL series)

NO LEAD PART NO. THREADED	LIST PRICE-A	NO LEAD PART NO. CxC	LIST PRICE-A	SIZE	PORT DIA. INCHES	QUANTITY CTN	QUANTITY CASE
0818-02NL	**14.90**			1/4"	0.433	10	120
0818-03NL	**14.90**			3/8"	0.472	10	120
0818-05NL	**14.90**	0818C-05NL	**14.90**	1/2"	0.531	10	120
0818-07NL	**20.32**	0818C-07NL	**20.32**	3/4"	0.748	10	80
0818-10NL	**30.25**	0818C-10NL	**30.25**	1"	0.984	5	60
0818-12NL	**42.64**	0818C-12NL	**42.64**	1 1/4"	1.259	5	40
0818-15NL	**54.21**	0818C-15NL	**54.21**	1 1/2"	1.496	5	30
0818-20NL	**82.52**	0818C-20NL	**82.52**	2"	1.929	2	20
0818-25NL	**152.44**			2 1/2"	2.441	2	12
0818-30NL	**207.21**			3"	2.952	8	
0818-40NL	**320.59**			4"	3.622	4	

NOT FOR POTABLE WATER

Not For Conveying Potable Water

PART NO. THREADED	LIST PRICE-A	PART NO. CxC	LIST PRICE-A	SIZE	PORT DIA. INCHES	QUANTITY CTN	QUANTITY CASE
0818-05	**12.18**			1/2"	0.531	10	120
0818-07	**16.69**			3/4"	0.748	10	80
0818-10	**24.78**			1"	0.984	5	60
0818-12	**34.96**			1 1/4"	1.259	5	40
0818-15	**44.48**			1 1/2"	1.496	5	30
0818-20	**67.67**			2"	1.929	2	20
0818-25	**125.00**			2 1/2"	2.441	2	12
0818-30	**169.89**			3"	2.952	8	
0818-40	**262.90**			4"	3.622	4	

NO LEAD BRASS FULL PORT MINI BALL VALVES

BII

NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

- Max Pressure Rating: 600 PSI CWP Cold Working Pressure based on temperature range up to +100°F (37°C)
- Max Temp Rating: 180°F (82°C)
- Forged brass body
- Chrome plated ball
- PTFE Seats / PTFE Stem packing
- Red tee handle
- NSF/ANSI Standard 372 Certified

PART NO.	SIZE	PORT DIA. INCHES	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0828-01NL	1/8" FPT x FPT	0.30	20	200	8.62
0828-02NL	1/4" FPT x FPT	0.30	20	200	8.29
0828-01M01FNL	1/8" MPT x 1/8" FPT	0.30	20	200	8.67
0828-01M02FNL	1/8" MPT x 1/4" FPT	0.30	20	200	8.46
0828-02M02FNL	1/4" MPT x 1/4" FPT	0.30	20	200	8.35

NO LEAD BRASS STANDARD PORT PEX BALL VALVES

BII SERIES 0821

NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

- Max Pressure Rating: 400 PSI CWP Cold Working Pressure based on temperature range up to +100°F (37°C)
- Max Temp Rating: 203°F (95°C)
- Forged brass body
- Chrome plated ball
- PTFE Seats / PTFE Stem packing
- Blow-out proof stem
- NSF/ANSI Standard 61 & 372 Certified
- Zinc plated steel handle with blue plastic sleeve
- cUPC Standard IGC 157 Certified

PART NO. NO DRAIN	SIZE	PORT DIA. INCHES	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0821P-03NL	3/8"	0.39	10	120	11.58
0821P-05NL	1/2"	0.39	10	120	6.12
0821P-07NL	3/4"	0.59	10	90	10.04
0821P-10NL	1"	0.79	6	30	14.86

PART NO. WITH DRAIN	SIZE	PORT DIA. INCHES	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0821WDP-05NL	1/2"	0.39	10	120	7.54
0821WDP-07NL	3/4"	0.59	10	90	12.22

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NO LEAD BRASS STANDARD PORT COMPRESSION BALL VALVES

BII SERIES 082CP

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

- Max Pressure Rating: 200 PSI CWP Cold Working Pressure based on temperature range up to +100°F (37°C)
- Max Temp Rating: 300°F (150°C)
- Forged brass body
- PTFE Seats / PTFE Stem packing
- NSF/ANSI Standard 61 & 372 Certified
- cUPC Standard IGC 157 Certified
- Chrome plated ball
- Blow-out proof stem
- Zinc plated steel handle with blue plastic sleeve

PART NO. NO DRAIN	SIZE	PORT DIA. INCHES	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
082CPND-05NL	1/2"	0.59	10	100	15.28
082CPND-07NL	3/4"	0.79	10	60	23.04
082CPND-10NL	1"	0.98	6	30	34.86

PART NO. WITH DRAIN	SIZE	PORT DIA. INCHES	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
082CP-05NL	1/2"	0.59	10	100	16.13
082CP-07NL	3/4"	0.79	10	60	23.88
082CP-10NL	1"	0.98	6	30	35.76

Standard compression valves can be used to make connections between Copper, Brass, Aluminum, Plastic, CPVC & Pex tubing. **Not recommended for use with steel tubing**. They are designed for use with **tube** manufactured to CTS-OD copper tubing sizes (outside diameter controlled). NOTE: A brass insert must be inserted into Soft Copper, Aluminum, Plastic, CPVC & Pex tubing to put 360° of even pressure on the tubing, to make a round rigid profile that will ensure a tight seal.

NO LEAD BRASS FULL PORT BALL VALVE W/DRAIN

BII SERIES 082WD

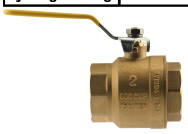
NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

- Max Pressure Rating: 600 PSI WOG Non-Shock based on ambient temperature
- Max Temp Rating: 300°F (150°C)
- Forged brass body
- PTFE Seats / PTFE Stem packing
- NSF/ANSI Standard 61 & 372 Certified
- cUPC Standard IGC 157 Certified
- Chrome plated ball
- Blow-out proof stem
- Zinc plated steel handle with blue plastic sleeve

PART NO. THREADED	LIST PRICE-A	PART NO. CxC	LIST PRICE-A	SIZE	PORT DIA. INCHES	QUANTITY CTN	QUANTITY CASE
082WD-05NL	13.34	082WDC-05NL	12.25	1/2"	0.590	10	120
082WD-07NL	20.98	082WDC-07NL	19.28	3/4"	0.748	10	60
082WD-10NL	33.04	082WDC-10NL	31.52	1"	1.023	6	30

NO LEAD BRASS FULL PORT BALL VALVES

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372



- Threads conform to ANSI / ASME B1.20.1
- 1/4" thru 2" rated 600 PSI CWP
- CWP - Cold Working Pressure is an indication of the pressure rating for valves at a temperature range of up to +100°F (37°C)
- Temperature Range: -20 to 300°F (-28 to 150°C)
- Solid Chrome Plated No Lead Brass Ball - sizes 1/4" through 3/4"
- Forged full port brass body
- PTFE Seats / PTFE Stem Packing
- Zinc plated steel handle with yellow plastic sleeve
- NSF/ANSI Standard 61 & 372 Certified
- cUPC Standard IGC 157 Certified
- CSA listed to the following standards, applies to 1/4" to 2" FPT only
- ASME B16.44 & CGA/CR91-002: 5 psig (5G)
- Cored Stainless Steel Ball - sizes 1" through 2"
- Blow-out proof stem

PART NO. THREADED	LIST PRICE-A	PART NO. CxC	LIST PRICE-A	SIZE	PORT DIA. INCHES	QUANTITY CTN	QUANTITY CASE
0825-02NL	7.20			1/4"	0.39	12	120
0825-03NL	7.20			3/8"	0.39	12	120
0825-05NL	9.01	0825C-05NL	7.64	1/2"	0.59	10	100
0825-07NL	13.29	0825C-07NL	12.18	3/4"	0.79	8	64
0825-10NL	21.64	0825C-10NL	20.49	1"	0.98	6	30
0825-12NL	33.22	0825C-12NL	32.11	1 1/4"	1.26	6	24
0825-15NL	45.95	0825C-15NL	44.85	1 1/2"	1.58	4	16
0825-20NL	64.35	0825C-20NL	63.24	2"	1.97	2	8

NOTE: Handles are available. Please contact your Sales Rep.

BRASS FULL PORT BALL VALVES

BII SERIES 0827

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

- 1/4" thru 2" rated 600 PSI CWP, 2-1/2" thru 4" rated 400 PSI CWP
- CWP - Cold Working Pressure is an indication of the pressure rating for valves at a temperature of up to +100°F (37°C)
- Max Temp Rating: 300°F (150°C)
- Solid Stainless Steel Ball - sizes 1/4" through 1"
- Hollow Stainless Steel Ball - sizes 1-1/4" through 4"
- Forged brass body
- Blow-out proof stem
- PTFE Seats / PTFE Stem packing
- Zinc plated steel handle with yellow plastic sleeve
- NSF/ANSI Standard 61 & 372* Certified (* no lead series only)
- cUPC Standard IGC 157 Certified: 1/4" to 2" FPT and CxC
- CSA listed to the following standards, ♢ applies to 1/4" to 2" FPT only
  - ANSI Z21.15 & CGA 9.1: 1/2 psig (1/2PSI)
  - ASME B16.44 & CGA/CR91-002: 5 psig (5G)
  - ASME B16.33 & CAN/CGA 3.16 : 125 psig (BRS125G / CAN 3.16)
- UL listed to the following standards, 1/4" to 2" FPT and CxC
  - UL 1477 (YQNZ): Compressed gas shutoff valves - 600 psi (1/4" to 1") 300 psi (1-1/4" to 2")
  - UL 842 (YRBX): Flammable liquid shutoff valves - 600 psi (1/4" to 1") 300 psi (1-1/4" to 2")
  - UL 842 (YRPV): Gas shutoff valves - 600 psi (1/4" to 1") 300 psi (1-1/4" to 2")
  - UL 842 (MHKZ): Manual valves - 600 psi (1/4" to 1") 300 psi (1-1/4" to 2")
  - UL 125 (YSDT): LP-Gas shutoff valves - 600 psi (1/4" to 1") 300 psi (1-1/4" to 2")
- FM Standard 1140 Certified: 1/4" to 2" FPT and CxC

NO LEAD PART NO. THREADED	LIST PRICE-A	NO LEAD PART NO. CxC	LIST PRICE-A	SIZE	PORT DIA.INS.	QUANTITY CTN	QUANTITY CASE
0827-02NL ♢	8.13			1/4"	0.39	12	120
0827-03NL ♢	8.08			3/8"	0.39	12	120
0827-05NL ♢	10.56	0827C-05NL	9.78	1/2"	0.59	10	100
0827-07NL ♢	15.96	0827C-07NL	15.12	3/4"	0.75	8	64
0827-10NL ♢	26.01	0827C-10NL	24.64	1"	0.98	6	30
0827-12NL ♢	40.20	0827C-12NL	37.79	1 1/4"	1.25	6	24
0827-15NL ♢	54.42	0827C-15NL	52.41	1 1/2"	1.57	4	16
0827-20NL ♢	75.47	0827C-20NL	79.39	2"	1.97	2	8
0827-25NL	186.87	0827C-25NL	177.47	2 1/2"	2.52	2	4
0827-30NL	248.69	0827C-30NL	231.88	3"	2.95	4	
0827-40NL	459.13	0827C-40NL	438.59	4"	3.90	2	

Not For Conveying Potable Water

PART NO. THREADED	LIST PRICE-A	PART NO. CxC	LIST PRICE-A	SIZE	PORT DIA.INS.	QUANTITY CTN	QUANTITY CASE
0827-02 ♢	7.18			1/4"	0.39	12	120
0827-03 ♢	7.51			3/8"	0.39	12	120
0827-05 ♢	9.51	0827C-05	8.81	1/2"	0.59	10	100
0827-07 ♢	15.68	0827C-07	14.31	3/4"	0.75	8	64
0827-10 ♢	23.41	0827C-10	23.79	1"	0.98	6	30
0827-12 ♢	36.32	0827C-12	34.69	1 1/4"	1.25	6	24
0827-15 ♢	48.98	0827C-15	50.34	1 1/2"	1.57	4	16
0827-20 ♢	75.58	0827C-20	76.44	2"	1.97	2	8
0827-25	173.28	0827C-25	159.73	2 1/2"	2.52	2	4
0827-30	233.05	0827C-30	239.22	3"	2.95	4	
0827-40	413.21	0827C-40	387.65	4"	3.90	2	

NOTE: Handles are available. Please contact your Sales Rep.

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FULL PORT FORGED LOCKING HANDLE BALL VALVES

PADLOCK NOT INCLUDED

- 1/4" thru 2" rated 600 PSI CWP, 2-1/2" thru 4" rated 450 PSI CWP
- CWP - Cold Working Pressure is an indication of the pressure rating for valves at a temperature of up to +100°F (37°C)
- WSP (Working Steam Pressure) Rating: 150 PSI Saturated Steam
- Max Temp Rating: 350°F (176°C)
- Chrome plated ball
- Forged brass body
- Blow-out proof nickel plated stem
- PTFE Seats / Two Viton O-rings at the stem for maximum safety
- Zinc plated steel locking handle with blue plastic sleeve
- Manufactured according to MSS SP-110
- NSF/ANSI Standard 61 Certified
- CSA listed to the following standards, applies to 1/4" to 2"
  - ANSI Z21.15 & CGA 9.1: 1/2 psig (1/2PSI)
  - ASME B16.44 & CGA/CR91-002: 5 psig (5G)
  - ASME B16.33 & CAN/CGA 3.16 : 125 psig (BRS125G / CAN 3.16)
- UL listed to the following standards,
  - UL 258 (VQGU): Trim and drain valves - 600 psi (1/4" to 2")
  - UL 1477 (YQNZ): Compressed gas shutoff valves - 600 psi (1/4" to 2") 450 psi (2-1/2" to 4")
  - UL 842 (YRBX): Flammable liquid shutoff valves - 600 psi (1/4" to 2") 250 psi (2-1/2" to 4")
  - UL 842 (YRPV): Gas shutoff valves - 600 psi (1/4" to 2") 250 psi (2-1/2" to 4")
  - UL 842 (MHKZ): Manual valves - 600 psi (1/4" to 2") 250 psi (2-1/2" to 4")
  - UL 125 (YSDT): LP-Gas shutoff valves - 600 psi (1/4" to 2") 450 psi (2-1/2" to 4")
- CRN Registered 0C0966

PART NO.	SIZE	PORT DIA.INS.	QUANTITY CTN	QUANTITY CASE	CASE WGT - lbs	LIST PRICE-A
0826LH-02	1/4"	0.314	12	192	64	30.30
0826LH-03	3/8"	0.393	12	192	64	30.30
0826LH-05	1/2"	0.590	8	128	68	32.49
0826LH-07	3/4"	0.787	12	96	80	44.24
0826LH-10	1"	0.984	8	64	88	69.15
0826LH-12	1 1/4"	1.259	8	32	65	110.94
0826LH-15	1 1/2"	1.574	6	24	63	144.40
0826LH-20	2"	1.968	4	16	66	207.78
0826LH-25	2 1/2"	2.559	2		20	646.13
0826LH-30	3"	3.149			13.6	880.15
0826LH-40	4"	3.937			22.3	1394.78

NO LEAD BRASS FULL PORT PUSH FIT BALL VALVES

PART NO NO DRAIN	SIZE	QUANTITY CTN	QUANTITY CASE
082PF-05NL	1/2"	10	120
082PF-07NL	3/4"	10	60
082PF-10NL	1"	6	30

PART NO WITH DRAIN	SIZE	QUANTITY CTN	QUANTITY CASE
082PF-05WDNL	1/2"	10	120
082PF-07WDNL	3/4"	10	60
082PF-10WDNL	1"	6	30

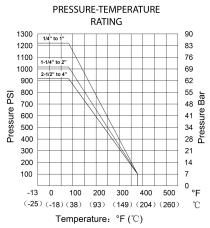
NOTE: For pricing and specs see Section 3

NOTE: Handles are available. Please contact your Sales Rep.

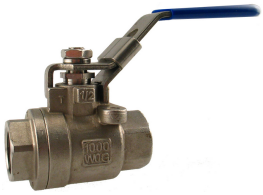
#304 CF8 STAINLESS STEEL FULL PORT BALL VALVES

- For water well, plumbing, irrigation and other light duty applications, not to be used in steam, chemical or industrial applications.
- Max Pressure Rating: 1000 PSI CWP Cold Working Pressure based on temperature range up to +100°F (37°C)
- Max Temp Rating: 14 to 248°F (-10 to 120°C)
- Two piece full port investment cast 304 stainless steel body • Blow-out proof stem
- Solid Stainless Steel Ball - sizes 1/4" through 1-1/4"
- Hollow Stainless Steel Ball - sizes 1-1/2" through 4"
- PTFE Seats/PTFE Stem packing • Stainless steel handle with blue plastic sleeve
- NSF/ANSI Standard 372 Certified

PART NO.	SIZE IPS	PORT DIA INS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
SSBV304-02	1/4"	0.433	20	120	14.29
SSBV304-03	3/8"	0.492	20	120	14.29
SSBV304-05	1/2"	0.591	16	96	15.20
SSBV304-07	3/4"	0.787	10	60	21.71
SSBV304-10	1"	0.984	10	40	34.14
SSBV304-12	1 1/4"	1.260	6	24	48.74
SSBV304-15	1 1/2"	1.496	4	16	63.82
SSBV304-20	2"	1.969	2	12	93.62
SSBV304-25	2 1/2"	2.559	2	4	186.63
SSBV304-30	3"	2.992	4		252.53
SSBV304-40	4"	3.701	2		458.00

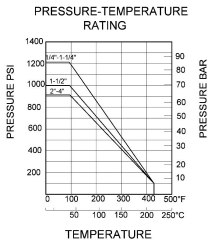


#316 CF8M STAINLESS STEEL BALL VALVES



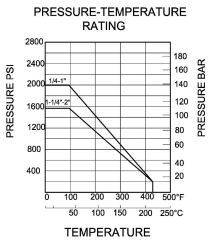
- Max Pressure Rating: 1000 PSI Non-Shock based on ambient temperature
- Max Temp Rating: 450°F (232°C)
- Two piece full port investment cast 316 stainless steel body with mounting pad
- Stainless steel ball
- Blow-out proof stem
- PTFE Seats/PTFE Stem packing
- Stainless steel locking handle with blue plastic sleeve
- NSF/ANSI Standard 372 Certified

PART NO.	SIZE IPS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
SSBV1000-02	1/4"	15	90	20.29
SSBV1000-03	3/8"	15	90	20.29
SSBV1000-05	1/2"	9	54	25.60
SSBV1000-07	3/4"	6	36	34.20
SSBV1000-10	1"	4	24	52.20
SSBV1000-12	1 1/4"	2	12	76.77
SSBV1000-15	1 1/2"	6	12	109.23
SSBV1000-20	2"	3	6	159.79
SSBV1000-25	2 1/2"	4		362.76
SSBV1000-30	3"			598.05



- Max Pressure Rating: 1/4" thru 1" rated 2000 PSI 1-1/4" thru 2" rated 1500 PSI Non-Shock based on ambient temperature
- Max Temp Rating: 450°F (232°C)
- Two piece standard port investment cast 316 stainless steel body with mounting pad
- Stainless steel ball
- Blow-out proof stem
- PTFE Seats/PTFE Stem packing
- Stainless steel locking handle with blue plastic sleeve
- NSF/ANSI Standard 372 Certified

PART NO.	SIZE IPS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
SSBV2000-02	1/4"	12	72	21.67
SSBV2000-03	3/8"	12	72	21.67
SSBV2000-05	1/2"	12	72	26.97
SSBV2000-07	3/4"	6	36	40.48
SSBV2000-10	1"	5	30	56.58
SSBV2000-12	1 1/4"	2	12	78.35
SSBV2000-15	1 1/2"	6	12	113.21
SSBV2000-20	2"	4	8	168.62



NOTE: Handles are available. Please contact your Sales Rep.

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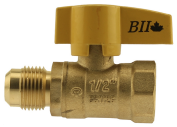
BII FORGED BRASS GAS VALVES



- Max Pressure Rating: 250 PSI • Working Temperature: -4°F to 149°F (-20°C to 65°C)
- Two piece forged brass body • Blow-out proof stem
- Yellow handle • Ball Seat Material: PTFE
- Stem Packing Material: Dual NBR O-Ring except the following 0832-10, 0834-0503 & 0834-0505 packing is PTFE
- CSA listed to the following standards,
  - ANSI Z21.15 & CGA 9.1: 1/2 psig (1/2PSI)
  - ASME B16.44 & CGA/CR91-002: 5 psig (5G)
- UL listed to the following standards,
  - UL 842 (YRPV): Gas shutoff valves - 250 psi
  - UL 842 (MHKZ): Manual valves - 250 psi
  - UL 125 (YSDT): LP-Gas shutoff valves - 250 psi

PART NO.	SIZE	PORT DIA. INCHES	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
FPT x FPT					
0832-03	3/8" FPT x 3/8" FPT	0.39	10	100	6.56
0832-05	1/2" FPT x 1/2" FPT	0.39	10	100	6.81
0832-07	3/4" FPT x 3/4" FPT	0.59	10	100	9.87
0832-10	1" FPT x 1" FPT	0.75	6	60	16.61
FPT x FLARE					
0833-0503	1/2" FPT x 3/8" FL	0.39	10	100	7.11
0833-0505	1/2" FPT x 1/2" FL	0.39	10	100	8.05
MPT x FLARE					
0834-0503	1/2" MPT x 3/8" FL	0.39	10	100	7.37
0834-0505	1/2" MPT x 1/2" FL	0.39	10	100	7.94
FLARE x FLARE					
0835-03	3/8" FL X 3/8" FL	0.27	10	100	7.17
0835-05	1/2" FL X 1/2" FL	0.38	10	100	7.59

BII FORGED BRASS GAS VALVES WITH 1/8" PILOT TAP

- Max Pressure Rating: 250 PSI • Working temperature:: -4 to 149°F (-20 to 65°C)
- Side Tapped 1/8" for connection to a manometer which allows line pressure to be tested at the valve, eliminating the need for an additional test tee. All pilot tap valves come with a brass plug
- Two piece forged brass body • Blow-out proof stem
- Yellow handle • Stem Packing Material: PTFE
- Ball Seat Material: PTFE
- CSA listed to the following standards,
  - ANSI Z21.15 & CGA 9.1: 1/2 psig (1/2PSI)
  - ASME B16.44 & CGA/CR91-002: 5 psig (5G)

PART NO.	SIZE	PORT DIA. INCHES	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
FPT x FPT					
0832TP-05	1/2" FPT x 1/2" FPT	0.39	10	100	9.23
0832TP-07	3/4" FPT x 3/4" FPT	0.59	10	100	12.62
FLARE x FLARE					
0835TP-03	3/8" FL x 3/8" FL	0.27	10	100	9.33
0835TP-05	1/2" FL x 1/2" FL	0.38	10	100	9.87

NO LEAD BRASS SEDIMENT FAUCETS - O-RING DESIGN

- With O-ring design, the seal is below the threads and never exposed to water. Whereas packing style valves are constantly submerged in water and become corroded quicker in aggressive water conditions.
- To prevent damage to NBR O-rings, stem must be removed before soldering.
- Max Pressure Rating: 125 PSI
- Max Temp Rating: 160°F (71°C)
- Packing material: Rubber (NBR) O-ring
- Seat material: Rubber (NBR)
- NSF/ANSI 372 Certified
- CSA B125.1 Certified

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

Blue Triangular Handle

PART NO.	LIST PRICE-A
0845SF-05NL	11.53
0845SF-07NL	12.38
Angle Style	
0845SFA-05NL	12.34
0845SFA-07NL	13.33

Zinc Plated Handle

PART NO.	LIST PRICE-A	SIZE	QUANTITY CTN	QUANTITY CASE
0846SF-05NL	12.12	1/2"	10	100
0846SF-07NL	12.81	3/4"	10	100
		1/2"	12	144
		3/4"	12	144

SEDIMENT FAUCETS / BOILER DRAINS

- Max Pressure Rating: 125 PSI
- Max Temp Rating: 212°F (100°C)
- Packing material: Rubber (NBR)
- Seat material: Rubber (NBR)
- NSF/ANSI 61 Certified
- Black cast hand wheel
- CSA B125.1 Certified

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

PART NO. MALE THREAD	LIST PRICE-A	PART NO. FEMALE THREAD	LIST PRICE-A	SIZE	QUANTITY CTN	QUANTITY CASE
0853-05NL	10.57	0853F-05NL	11.17	1/2"	10	100
0853-07NL	11.59	0853F-07NL	12.04	3/4"	10	100
PEX						
0851P-05NL	15.05			1/2"	10	100

Not For Conveying Potable Water

PART NO. MALE THREAD	LIST PRICE-A	SIZE	QUANTITY CTN	QUANTITY CASE
0851-05	7.38	1/2"	10	100
0851-07	8.12	3/4"	10	100

NO LEAD BRASS STOP/STOP & WASTE VALVES

0843C

0844C

0844CPR

- Max Pressure Rating: 125 PSI
- Max Temp Rating: 180°F (82°C)
- Packing material: Rubber (NBR)
- Seat material: Rubber (NBR)
- NSF/ANSI 61 & 372 Certified
- Black cast hand wheel
- CSA B125.1 Certified

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

STOP VAVLES

PART NO. THREADED	LIST PRICE-A	PART NO. CxC	LIST PRICE-A	SIZE	QUANTITY CTN	QUANTITY CASE
0843-05NL	**9.30**	0843C-05NL	**8.27**	1/2"	10	100
0843-07NL	**10.89**	0843C-07NL	**10.66**	3/4"	10	100

STOP & WASTE VALVES

PART NO. THREADED	LIST PRICE-A	PART NO. CxC	LIST PRICE-A	SIZE	QUANTITY CTN	QUANTITY CASE
0844-05NL	**9.77**	0844C-05NL	**8.46**	1/2"	10	100
0844-07NL	**11.59**	0844C-07NL	**10.80**	3/4"	10	100
COMPRESSION						
0844CPR-05NL	**15.41**			1/2"	10	100
0844CPR-07NL	**19.80**			3/4"	10	100

Standard compression valves can be used to make connections between Copper, Brass, Aluminum, Plastic, CPVC & Pex tubing. **Not recommended for use with steel tubing**. They are designed for use with **tube** manufactured to CTS-OD copper tubing sizes (outside diameter controlled). NOTE: A brass insert must be inserted into Soft Copper, Aluminum, Plastic, CPVC & Pex tubing to put 360° of even pressure on the tubing, to make a round rigid profile that will ensure a tight seal.

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NO LEAD ROUGH BRASS HOSE BIBB

- Max Pressure Rating: 125 PSI
- Packing material: Rubber (NBR)
- NSF/ANSI Standard 61 & 372 Certified
- Max Temp Rating: 160°F (71°C)
- Seat material: Rubber (NBR)
- Brass plated tee handle

PART NO.	INLET CONNECTION	OUTLET CONNECTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
WITH GARDEN HOSE ATTACHMENT					
0871-05NL	1/2" MPT	3/4" GHT	10	100	10.59
0871-07NL	3/4" MPT	3/4" GHT	10	100	12.01
SAMPLING FAUCET (NO GARDEN HOSE ATTACHMENT)					
0874-05NL	1/2" MPT		10	100	9.76
0874-07NL	3/4" MPT		10	100	10.70

NO LEAD BRASS HOSE BIBB - 1/4 TURN

- Max Pressure Rating: 200 PSI
- Packing material: Rubber (NBR) O-ring
- NSF/ANSI Standard 61 & 372 Certified
- Max Temp Rating: 180°F (82°C)
- Seat material: PTFE
- Black tee handle

PART NO.	INLET CONNECTION	OUTLET CONNECTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0852-05NL	1/2" MPT	3/4" GHT	10	100	12.43
0852-07NL	3/4" MPT	3/4" GHT	10	100	15.75

STAINLESS STEEL HOSE BIBB - 1/4 TURN

- Max Pressure Rating: 200 PSI
- Packing material: PTFE
- NSF/ANSI Standard 372 Certified
- Max Temp Rating: 248°F (120°C)
- Seat material: PTFE
- 304 stainless steel construction

PART NO.	INLET CONNECTION	OUTLET CONNECTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
WITH GARDEN HOSE ATTACHMENT					
SSHB52-05	1/2" MPT	3/4" GHT	10	100	**19.70**
SSHB52-07	3/4" MPT	3/4" GHT	10	100	**23.73**
SAMPLING FAUCET (NO GARDEN HOSE ATTACHMENT)					
SSSF52-05	1/2" MPT		10	100	**19.70**
SSSF52-07	3/4" MPT		10	100	**23.73**

PLASTIC HOSE BIBB

- Max Pressure Rating: 145 PSI
- Packing material: Rubber (NBR)
- White ABS construction
- Max Temp Rating: 180°F (82°C)
- Seat material: PTFE
- Red tee handle

PART NO.	INLET CONNECTION	OUTLET CONNECTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PHB-05	1/2" MPT	3/4" GHT	100	200	**4.24**
PHB-07	3/4" MPT	3/4" GHT	100	200	**5.36**

NO LEAD BRASS HOSE BIBB - NO-KINK

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

- Max Pressure Rating: 125 PSI
- Packing material: Rubber (NBR)
- NSF/ANSI Standard 61 & 372 Certified
- CSA Standard B125.1 Certified
- Max Temp Rating: 160°F (71°C)
- Seat material: Rubber (NBR)
- Brass plated tee handle

PART NO.	INLET CONNECTION	OUTLET CONNECTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0875-05NL	1/2" MPT	3/4" GHT	10	100	9.65
0875-07NL	3/4" MPT	3/4" GHT	10	100	10.81
0875F-05NL	1/2" FPT	3/4" GHT	10	100	9.32
0875F-07NL	3/4" FPT	3/4" GHT	10	100	9.93

NO LEAD BRASS HEAVY DUTY HOSE BIBB - NO-KINK

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

- Max Pressure Rating: 125 PSI
- Packing material: Graphite
- NSF/ANSI Standard 61 & 372 Certified
- CSA Standard B125.1 Certified
- Max Temp Rating: 160°F (71°C)
- Seat material: Rubber (NBR)
- Green epoxy coated tee handle

PART NO.	INLET CONNECTION	OUTLET CONNECTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0875H-05NL	1/2" MPT	3/4" GHT	12	72	14.97
0875H-07NL	3/4" MPT	3/4" GHT	12	72	15.69
0875HF-05NL	1/2" FPT	3/4" GHT	12	72	14.26
0875HF-07NL	3/4" FPT	3/4" GHT	12	72	15.69

NO LEAD BRASS BENT NOSE GARDEN VALVE

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

- Max Pressure Rating: 125 PSI
- Packing material: Graphite
- NSF/ANSI Standard 372 Certified
- CSA Standard B125.1 Certified
- Max Temp Rating: 160°F (71°C)
- Seat material: Rubber (NBR)
- Green rubber coated handle

PART NO.	INLET CONNECTION	OUTLET CONNECTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0872-07NL	3/4" FPT	3/4" GHT	12	72	19.31
0872-10NL	1" FPT	3/4" GHT	12	72	21.99

NO LEAD BRASS SILLCOCK

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

- Max Pressure Rating: 125 PSI
- Packing material: Rubber (NBR)
- NSF/ANSI Standard 61 & 372 Certified
- CSA Standard B125.1 Certified
- Max Temp Rating: 160°F (71°C)
- Seat material: Rubber (NBR)
- Black cast hand wheel

PART NO.	INLET CONNECTION	OUTLET CONNECTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0873-05NL	1/2" FPT	3/4" GHT	12	144	11.96
0873-07NL	3/4" FPT	3/4" GHT	12	144	13.18
0873C-05NL	1/2" CXC	3/4" GHT	12	144	13.50

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NON-FREEZE LAWN FAUCETS WITH SELF DRAINING VACUUM BREAKER

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

- Max Pressure Rating: 125 PSI
- Packing material: Rubber (NBR)
- Chrome plated body and tube
- NSF/ANSI Standard 61 & 372 Certified
- CSA Standard B125.1 Certified
- ASSE Standard 1019 Certified
- Max Temp Rating: 140°F (60°C)
- Seat material: Rubber (NBR)
- Black cast handle
- Plastic insert included

NO LEAD PART NO. THREADED/CxC	LIST PRICE-A	NO LEAD PART NO. PEX	LIST PRICE-A	INLET CONN.	OUTLET CONN.	LENGTH	QUANTITY CTN	QUANTITY CASE
0865-040NL	**31.14**	0865P-040NL	**31.14**	1/2"	3/4" GHT	4"	2	40
0865-060NL	**32.78**	0865P-060NL	**32.78**	1/2"	3/4" GHT	6"	2	40
0865-080NL	**34.42**	0865P-080NL	**34.42**	1/2"	3/4" GHT	8"	2	40
0865-100NL	**36.00**	0865P-100NL	**36.00**	1/2"	3/4" GHT	10"	2	40
0865-120NL	**37.80**	0865P-120NL	**37.80**	1/2"	3/4" GHT	12"	2	40
0865-140NL	**39.38**	0865P-140NL	**39.38**	1/2"	3/4" GHT	14"	2	40

PART NO. THREADED/CxC	LIST PRICE-A	PART NO. PEX	LIST PRICE-A	INLET CONN.	OUTLET CONN.	LENGTH	QUANTITY CTN	QUANTITY CASE
0865-040	26.22	0865P-040	27.86	1/2"	3/4" GHT	4"	2	40
0865-060	27.53	0865P-060	29.29	1/2"	3/4" GHT	6"	2	40
0865-080	28.96	0865P-080	28.96	1/2"	3/4" GHT	8"	2	40
0865-100	30.28	0865P-100	30.28	1/2"	3/4" GHT	10"	2	40
0865-120	31.81	0865P-120	31.81	1/2"	3/4" GHT	12"	2	40
0865-140	33.13	0865P-140	33.13	1/2"	3/4" GHT	14"	2	40
0865-160	36.97			1/2"	3/4" GHT	16"	2	40
0865-180	38.94			1/2"	3/4" GHT	18"	2	40
0865-200	40.92			1/2"	3/4" GHT	20"	2	40
0865-220	42.89			1/2"	3/4" GHT	22"	2	40
0865-240	44.87			1/2"	3/4" GHT	24"	2	40

NO LEAD NON-FREEZE LAWN FAUCETS

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

- Max Pressure Rating: 125 PSI
- Packing material: Rubber (NBR)
- Chrome plated body and tube
- NSF/ANSI Standard 61 & 372 Certified
- CSA Standard B125.1 Certified
- Max Temp Rating: 120°F (48°C)
- Seat material: Rubber (NBR)
- Black cast handle
- Plastic insert included

PART NO.	INLET CONNECTION	OUTLET CONNECTION	LENGTH	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0861-080NL	1/2" MPT x 1/2" CxC	3/4" GHT	8"	2	40	**29.14**
0861-100NL	1/2" MPT x 1/2" CxC	3/4" GHT	10"	2	40	**30.25**
0861-120NL	1/2" MPT x 1/2" CxC	3/4" GHT	12"	2	40	**31.29**
0861-140NL	1/2" MPT x 1/2" CxC	3/4" GHT	14"	2	40	**32.56**

NO LEAD BRASS FINISH NON-FREEZE LAWN FAUCETS

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

- Max Pressure Rating: 125 PSI
- Packing material: Rubber (NBR) O-ring
- Brass finish
- NSF/ANSI Standard 372 Certified
- CSA Standard B125.1 Certified
- Max Temp Rating: 140°F (60°C)
- Seat material: Rubber (NBR)
- Black cast handle

PART NO. THREADED	INLET CONNECTION	OUTLET CONNECTION	LENGTH	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0861BR-080NL	1/2" MPT x 1/2" CxC	3/4" GHT	8"	2	40	**31.83**
0861BR-100NL	1/2" MPT x 1/2" CxC	3/4" GHT	10"	2	40	**33.84**
0861BR-120NL	1/2" MPT x 1/2" CxC	3/4" GHT	12"	2	40	**35.63**
0861BR-140NL	1/2" MPT x 1/2" CxC	3/4" GHT	14"	2	40	**37.43**

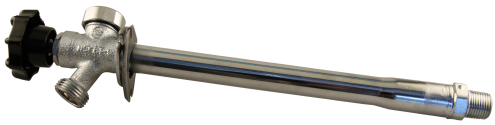
NO LEAD NON-FREEZE LAWN FAUCETS WITH SELF DRAINING VACUUM BREAKER - 1/4 TURN

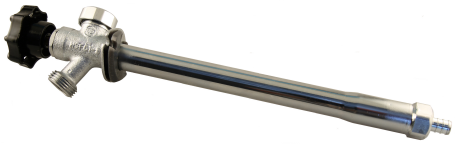
NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

The 08QTWH- series has a built in spring loaded check valve for back flow prevention

- Max Pressure Rating: 125 PSI
- Packing material: Rubber (NBR)
- Chrome plated body and tube
- NSF/ANSI Standard 61 & 372 Certified
- CSA Standard B125.1 Certified
- ASSE Standard 1019 Certified
- Max Temp Rating: 140°F (82°C)
- Seat material: Viton O-ring
- Black cast handle
- Plastic insert included

PART NO. THREADED	INLET CONNECTION	OUTLET CONNECTION	LENGTH	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
08QTWH05-040NL	1/2" MPT x 1/2" CxC	3/4" GHT	4"	2	40	**49.96**
08QTWH05-060NL	1/2" MPT x 1/2" CxC	3/4" GHT	6"	2	40	**51.77**
08QTWH05-080NL	1/2" MPT x 1/2" CxC	3/4" GHT	8"	2	40	**53.58**
08QTWH05-100NL	1/2" MPT x 1/2" CxC	3/4" GHT	10"	2	40	**55.44**
08QTWH05-120NL	1/2" MPT x 1/2" CxC	3/4" GHT	12"	2	40	**57.30**
08QTWH05-140NL	1/2" MPT x 1/2" CxC	3/4" GHT	14"	2	40	**59.16**
08QTWH07-100NL	3/4" MPT x 1/2" FPT	3/4" GHT	10"	2	40	**57.30**
08QTWH07-120NL	3/4" MPT x 1/2" FPT	3/4" GHT	12"	2	40	**59.16**
08QTWH07-140NL	3/4" MPT x 1/2" FPT	3/4" GHT	14"	2	40	**60.97**
PEX						
08QTWH05P-080NL	1/2" PEX	3/4" GHT	8"	2	40	**53.58**
08QTWH05P-100NL	1/2" PEX	3/4" GHT	10"	2	40	**55.44**
08QTWH05P-120NL	1/2" PEX	3/4" GHT	12"	2	40	**57.30**
08QTWH05P-140NL	1/2" PEX	3/4" GHT	14"	2	40	**59.16**





NO LEAD BRASS VACUUM BREAKER

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

- CSA Standard B64.2 Certified
- ASSE Standard 1011 Certified

PART NO.	CONNECTION SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0881-07NL	3/4" MHT x FHT Hose	10	200	**8.19**
0881-07	3/4" MHT x FHT Hose	10	200	6.03

This Vacuum Breaker installs easily to any 3/4" hose faucet to provide back-siphonage protection. Standard 3/4" female hose thread for inlet connection and 3/4" male hose thread for outlet connection, along with a break-away set screw make a permanent vandal-proof installation.

NO LEAD BRASS SELF DRAINING VACUUM BREAKER

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

The 0882-07NL No-Lead Self Draining Vacuum Breaker is designed to prevent back siphonage and backflow into a potable water supply. The vacuum breaker will also automatically self-drain when all hose attachments are removed, protecting the valve or faucet from freezing in colder weather. The 0882-07NL can be installed easily to any 3/4" hose faucet and comes complete with a break away set screw to ensure a permanent vandal-proof installation.

- CSA Standard B64.2 Certified
- ASSE Standard 1011 Certified

PART NO.	CONNECTION SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0882-07NL	3/4" MHT X 3/4" FHT	10	200	**11.88**

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Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
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NO LEAD CHROME PLATED SUPPLY (STOP) VALVES - 1/4 TURN

- Threads conform to ANSI/ASME B1.20.1
- Sweat connections conform to ANSI B16.18
- CPVC connections conform to ASTM D2846
- PEX connections conform to ASTM F1807
- Push Fit connections conform to ASSE 1061
- Compression connections conform to SAE J512
- Cold Expansion PEX connections conform to ASTM F1960
- NSF/ANSI Standard 61 & 372 Certified
- CSA Standard B125.1 Certified
- Max Pressure Rating: 125 PSI
- Max Temperature Rating: 180°F (82°C)
- Chrome Plated No Lead Brass Body
- Double EPDM O-Ring Stem Packing
- PTFE Seats
- Chrome Plated ABS Handle

08SVS-05FNL

08SVA-05CNL

08SVD-05F03CPNL

08SVDD-05F03CPNL

08SVS-RFNL

08SVAWMB-58CPNL

08SVAWMR-05MNL

PART NO.	CONNECTION INLET	OUTLET	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
STRAIGHT DESIGN					
08SVS-03FNL	3/8" FPT	3/8" Comp.	20	240	5.98
08SVS-05FNL	1/2" FPT	3/8" Comp.	20	240	7.33
08SVS-05CNL	1/2" Copper	3/8" Comp.	20	240	5.82
08SVS-05CEPNL	1/2" COLD EXP. PEX	3/8" Comp.	20	240	8.29
08SVS-58CPNL	5/8" Comp.	3/8" Comp.	20	240	7.84
08SVS-05PNL	1/2" PEX	3/8" Comp.	20	240	5.73
08SVS-05P05PNL	1/2" PEX	1/2" PEX	20	240	4.89
08SVS-05VNL	1/2" CPVC	3/8" Comp.	20	240	9.37
ANGLE DESIGN					
08SVA-03FNL	3/8" FPT	3/8" Comp.	20	240	6.16
08SVA-05FNL	1/2" FPT	3/8" Comp.	20	240	7.08
08SVA-05CNL	1/2" Copper	3/8" Comp.	20	240	6.16
08SVA-05CEPNL	1/2" COLD EXP. PEX	3/8" Comp.	20	240	8.50
08SVA-58CPNL	5/8" Comp.	3/8" Comp.	20	240	8.09
08SVA-05PNL	1/2" PEX	3/8" Comp.	20	240	5.98
08SVA-05VNL	1/2" CPVC	3/8" Comp.	20	240	9.55
DUAL OUTLET DESIGN					
08SVD-05F03CPNL	1/2" FPT	3/8" Comp. x 3/8" Comp.	20	240	12.88
08SVD-58CP03CPNL	5/8" Comp.	3/8" Comp. x 3/8" Comp.	20	240	14.87
DUAL OUTLET DUAL SHUT-OFF MULTI TURN DESIGN					
08SVDD-05F03CPNL	1/2" FPT	3/8" Comp.	10	120	22.53
08SVDD-58CP03CPNL	5/8" Comp.	3/8" Comp.	10	120	25.01
ICE MAKER BALL TYPE					
08SVA-05F02CPNL	1/2" FPT	1/4" Comp.	20	240	6.83
08SVA-05C02CPNL	1/2" Copper	1/4" Comp.	20	240	6.07
08SVA-58CP02CPNL	5/8" Comp.	1/4" Comp.	20	240	7.91
08SVA-05P02CPNL	1/2" Pex	1/4" Comp.	20	240	5.66
RETRO FIT					
• May be installed as a replacement supply stop without removing a previously installed seized stop					
08SVS-RFNL	3/8" swivel nut	3/8" CPR	20	240	8.09

WASHING MACHINE - ANGLE DESIGN

BLUE HANDLE	RED HANDLE	CONNECTION INLET	CONNECTION OUTLET	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
08SVAWMB-58CPNL	08SVAWMR-58CPNL	5/8" CPR	3/4" GHT	20	240	12.00
08SVAWMB-05MNL	08SVAWMR-05MNL	Dual 1/2" M X 1/2" C	3/4" GHT	20	240	11.18
08SVAWMB-05PNL	08SVAWMR-05PNL	1/2" PEX	3/4" GHT	20	240	12.00

NO LEAD CHROME PLATED PUSH FIT SUPPLY (STOP) VALVES - 1/4 TURN

08SVA-05PFNL

08SVT-05PF02CPNL

PART NO.	CONNECTION INLET	OUTLET	QUANTITY CTN	QUANTITY CASE
STRAIGHT DESIGN				
08SVS-05PFNL	1/2" Push Fit	3/8" Comp.	20	240
ANGLE DESIGN				
08SVA-05PFNL	1/2" Push Fit	3/8" Comp.	20	240
08SVA-05PF02CPNL	1/2" Push Fit	1/4" Comp.	20	240
TEE DESIGN				
08SVT-05PFNL	1/2" Push Fit	3/8" Comp.	10	120
08SVT-05PF02CPNL	1/2" Push Fit	1/4" Comp.	10	120

NOTE: See section 3 for pricing and specs

"BII" PVC MOLDED-IN-PLACE BALL VALVES

BII

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

- Working Temperature Range 32°F to 122°F (0°C to 50°C)
- 150 PSI Working Pressure at 73°F (22°C)
- Suitable for both Schedule 40 and 80 PVC Pipe
- Variety of water supply, waste water, swimming pool, chemical feed and irrigation applications for residential, commercial, industrial, marine and agriculture use
- NSF/ANSI Standard 372 Certified

PVC BALL VALVE - EPDM SEAT - EPDM STEM "O" RING

PART NO. IPS	SHIPPING WGT-lbs	LIST PRICE-A	PART NO. SLIP	SHIPPING WGT-lbs	LIST PRICE-A	SIZE	PORT DIA.INS.	QUANTITY CTN	QUANTITY CASE
0929-05	0.18	1.99	0929S-05	0.16	1.92	1/2"	0.59	200	
0929-07	0.26	2.95	0929S-07	0.26	2.80	3/4"	0.79	160	
0929-10	0.44	4.60	0929S-10	0.43	4.60	1"	0.98	96	
0929-12	0.57	6.34	0929S-12	0.58	6.05	1 1/4"	1.26	72	
0929-15	0.94	8.90	0929S-15	0.92	8.78	1 1/2"	1.42	45	
0929-20	1.44	14.17	0929S-20	1.55	13.59	2"	1.81	36	
0929-25	2.47	33.88	0929S-25	2.20	32.33	2 1/2"	2.48	12	
0929-30	4.72	53.31	0929S-30	4.67	50.57	3"	3.15	8	
0929-40	6.68	100.70	0929S-40	6.26	95.67	4"	3.81	6	

HERSHEY PVC MOLDED-IN-PLACE BALL VALVES

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

Series 0921 White PVC Body with Black Handle

Series 0923 White PVC Body with Red Handle

- Working Temperature Range: 41°F to 122°F(5°C to 50°C)
- 150 PSI Working Pressure at 73°F (22°C)
- Suitable for both Schedule 40 and 80 PVC Pipe
- Shock-resistant PVC body, ball and handle. (2-1/2" - 4" have polypropylene ball)
- Variety of water supply, waste water, chemical feed and irrigation applications, for residential, commercial, industrial, marine and agricultural use
- NSF/ANSI Standard 61 & 372 Certified (0921/0921S series only)

DELUXE PVC VALVE EPDM SEAT - EPDM STEM "O" RING - NSF approved 1/2" to 2" only

PART NO. IPS	PART NO. SLIP	SIZE	PORT DIA.INS.	SHIPPING WGT-lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0921-05	0921S-05	1/2"	0.55	0.18	100		3.72
0921-07	0921S-07	3/4"	0.79	0.31	100		4.98
0921-10	0921S-10	1"	0.98	0.49	100		6.63
0921-12	0921S-12	1 1/4"	1.18	0.57	100		8.34
0921-15	0921S-15	1 1/2"	1.42	0.97	48		14.27
0921-20	0921S-20	2"	1.83	1.50	24		18.94
0921-25	0921S-25	2 1/2"	2.36	2.87	12		43.91
0921-30	0921S-30	3"	3.03	3.97	12		75.68
0921-40	0921S-40	4"	3.93	8.09	6		142.14

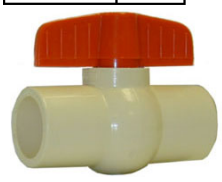
DELUXE PVC VALVE PTFE SEAT - VITON STEM "O" RING - Not NSF approved

PART NO. IPS	PART NO. SLIP	SIZE	PORT DIA.INS.	SHIPPING WGT-lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0923-05	0923S-05	1/2"	0.55	0.18	100		8.15
0923-07	0923S-07	3/4"	0.79	0.31	100		9.68
0923-10	0923S-10	1"	0.98	0.49	100		14.29
0923-12	0923S-12	1 1/4"	1.18	0.57	100		16.32
0923-15	0923S-15	1 1/2"	1.42	0.97	48		28.69
0923-20	0923S-20	2"	1.83	1.50	24		35.94

NOTE: EPDM seats are recommended for most cold water system applications. PTFE seats are chlorine and chemical resistant and are recommended for most pool/spa applications.

CPVC HOT WATER SYSTEM BALL VALVES

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372



Beige CPVC Body with Red Handle

- High heat resistance - Max. Service Temperature
  - Continuous 32°F - 194°F(0°C - 90°C)
  - Short hours 212°F (100°C)
- Test Pressure: 225 PSI
- Working Pressure: 150 PSI
- EPDM O-Ring
- PTFE (polytetrafluoroethylene) Seat
- CTS (Copper Tube size) Socket for CPVC pipe
- NSF/ANSI Standard 61 & 372 Certified

PART NO.	DESCRIPTION	PORT DIA.INS.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0922CTS-05	1/2" CTS Socket	0.49	360		3.10
0922CTS-07	3/4" CTS Socket	0.72	224		5.08
0922CTS-10	1" CTS Socket	0.93	120		8.77
0922CTS-12	1-1/4" CTS Socket	0.98	96		12.56
0922CTS-15	1-1/2" CTS Socket	1.18	72		18.02
0922CTS-20	2" CTS Socket	1.42	36		26.14

BOSHART INDUSTRIES

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

BII PVC BLOCKED TRUE UNION BALL VALVES

BII

Grey PVC Body
with Blue Handle

Shipped complete with
both thread and slip
interchangeable connections

- Threads conform to ANSI/ASME B1.20.1
- Slip connections conform to ASTM D2466
- Working Temperature Range: 41°F to 122°F (5°C to 55°C)
- Max Pressure Rating: 150 PSI @ 73°F(22°C)
- Grey PVC body, suitable for both schedule 40 & 80 pipe
- Seal material: EPDM o-ring
- Seat material: PTFE
- Double union / double block design permits in-line maintenance without disconnecting pipe
- Ends are blocked with bayonet style lock to prevent ball from being blown out
- Blue ABS handle is equipped with removable spanner device

NO LEAD LEAD-FREE

PVC VALVE PTFE SEATS - EPDM "O" RING SEAL

PART NO.	SIZE	PORT DIA.INS.	SHIPPING WGT - lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0924-05	1/2"	0.51	0.37	48		10.63
0924-07	3/4"	0.71	0.55	36		13.94
0924-10	1"	0.91	0.84	24		19.34
0924-12	1 1/4"	1.18	1.28	24		28.51
0924-15	1 1/2"	1.50	2.03	24		37.98
0924-20	2"	1.89	3.86	12		52.39

NO LEAD HERSHEY PVC BLOCKED TRUE UNION BALL VALVES

Series 0925
Grey PVC Body
with Blue Handle

Shipped complete with
thread and slip
interchangeable connections

NO LEAD LEAD-FREE Third Party Certified to NSF / ANSI 372

- Threads conform to ANSI/ASME B1.20.1
- Slip connections conform to ASTM D2466
- Working Temperature Range: 41°F to 122°F (5°C to 55°C)
- Max Pressure Rating: 150 PSI @ 73°F(22°C)
- Grey PVC body, suitable for both schedule 40 & 80 pipe
- Seal material: EPDM (0925-NL) or Viton (0926) o-ring
- Seat material: PTFE
- Double union / double block design permits in-line maintenance without disconnecting pipe
- Ends are blocked with bayonet style lock to prevent ball from being blown out
- Blue (0925-NL) or Red (0926) ABS handle is equipped with removable spanner device
- NSF/ANSI Standard 61 & 372 Certified (0925-NL series only)

NO LEAD DELUXE PVC VALVE PTFE SEATS - EPDM "O" RING SEAL

PART NO IPS	SIZE	PORT DIA.INS.	SHIPPING WGT - lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0925-05NL	1/2"	0.51	0.37	48		14.70
0925-07NL	3/4"	0.71	0.55	36		19.86
0925-10NL	1"	0.91	0.84	24		27.55
0925-12NL	1 1/4"	1.18	1.28	24		40.62
0925-15NL	1 1/2"	1.50	2.03	24		54.10
0925-20NL	2"	1.89	3.86	12		74.54
0925-25NL	2 1/2"	2.36	3.70	6		139.95
0925-30NL	3"	2.72	6.62	6		241.58
0925-40NL	4"	3.94	17.60			469.67

Series 0926
Grey PVC Body
with Red Handle

NO LEAD LEAD-FREE

DELUXE PVC VALVE PTFE SEATS - VITON 'O' RING SEAL

PART NO IPS	SIZE	PORT DIA.INS.	SHIPPING WGT - lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0926-05	1/2"	0.51	0.37	48		19.45
0926-07	3/4"	0.71	0.55	36		25.83
0926-10	1"	0.91	0.84	24		34.22
0926-12	1 1/4"	1.18	1.28	24		45.05
0926-15	1 1/2"	1.50	2.03	24		63.93
0926-20	2"	1.89	3.86	12		92.36
0926-25	2 1/2"	2.36	3.70	6		155.84
0926-30	3"	2.72	6.62	6		243.45
0926-40	4"	3.94	17.60			485.93

SEE PAGE 2-15 FOR CHEMICAL AND TEMPERATURE CHARACTERISTICS

HERSHEY PVC SINGLE UNION BALL VALVES

- Threads conform to ANSI/ASME B1.20.1
- Slip connections conform to ASTM D2466
- Working Temperature Range: 41°F to 122°F (5°C to 55°C)
- Max Pressure Rating: 150 PSI @ 73°F(22°C)
- White PVC body, suitable for both schedule 40 & 80 pipe
- Seal material: EPDM o-ring
- Seat material: EPDM

PART NO IPS	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
0933-15	1 1/2"	48		15.37
0933-20	2"	24		21.33
SLIP				
0933S-15	1 1/2"	48		14.88
0933S-20	2"	24		21.62

IMPORTANT: PVC BALL VALVES TERMINOLOGY (SCH. 40 & 80)

Often the terms Sch. 40 & 80 are referred with regards to PVC socket (slip) connection valves. The fact is that these terms are incorrect!. PVC valves do not have Sch. 40 or 80 ratings. These terms refer to the wall thickness of pipe only, not the valve wall thickness; the higher the Sch. number, the thicker the pipe wall. Equally important, the I.D. gets smaller as wall thickness increases, while the O.D. remains the same. Therefore any PVC valve can be installed on Sch. 40 or 80 pipe, and vice-versa.

Unfortunately some Mfgr's / Distributors describe PVC valves using pipe-descriptive terms causing confusion. It is important to remember that all valves are rated by pressure in relation to operating temperature, not wall thickness. Generally, white PVC is used for Sch.40 and gray PVC is used for Sch.80 PVC pipe & fittings. However, Sch.40 fittings are available in both white & gray colours adding to the confusion. The terminology describing the pipe has been inaccurately "carried over" to describe PVC valves which also can be molded from either white or gray resins, these valves are rated by pressure only and can be in either piping system.

Therefore Boshart's PVC valves, like all other PVC valves, can be used with either Schedule 40 or Schedule 80 pipe, the only issue is colour preference, some installers prefer gray PVC valves when installing a gray Sch.80 piping system.

CHEMICAL AND TEMPERATURE CHARACTERISTICS

MATERIAL	ABBRE	GENERAL CHEMICAL RESISTANCE
Rigid Polyvinyl Chloride	PVC	Resistant against most acids, alkalis and salts of high to low concentration level. However, the material tends to be attacked by some chemicals; such as aromatic hydrocarbon ketones, esters and chlorinated hydro-carbon.
Ethylene Propylene Rubber	EPDM	Provided with an excellent ozone-resistance and chemical-resistance. Comparatively resistant against ketone and ester, but less resistant against aromatic & aliphatic families and gasoline and oil.
Polytetra-fluoroethylene	PTFE	Resistant against ordinary acid and alkali and not dissolved nor changed by ordinary solvent medium. Attacked by melted alkali metal and in high temperature (PTFE) by fluorine and chlorine trifluoride.

TEMPERATURE CORRECTION FACTORS FOR VALVES

As temperature increases working pressure decreases. The optimal working pressure for PVC valves contained in this catalogue is 150 PSI @ 73°F. If temperature increases above 73°F, use the PVC correction factor to determine working pressure.
MULTIPLY MAXIMUM WORKING PRESSURE BY CORRECTION FACTOR
e.g.: @ 110°F WORKING PRESSURE WILL BE 91 PSI (110 X .83 = 91)

°F Temperature	73	90	100	110	120	130	140
PVC Correction Factor	1.00	1.00	1.00	0.83	0.66	0.50	0.33

PVC- NOT RECOMMENDED OVER 140°F

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SECTION 3
PIPE FITTINGS & NIPPLES, FLARE, COMPRESSION

PRODUCT LINE **PAGE**

150# & 300# BLACK & GALV FITTINGS & NIPPLES

Specifications 1

Malleable Iron Fittings - 150# 2

Black Extension Pieces 6

Malleable Iron Fittings - 300# 12

Black Nipples 16

Galvanized Nipples 17

Black Heavy Duty Nipples 18

Toe Nipples 18

Black and Galvanized Ready Cut Pipe 19

Steel Nipple Assortments 19

Ready-Cut Pipe Rack Assortments 20

Compression and Merchant Couplings 21

Merchant Steel Pipe Fittings 22

Companion Flanges 23

125# BRONZE FITTINGS & NIPPLES

Bronze Pipe Fittings, 125# 25

Bronze Companion Flanges 30

Bronze Drop Ear Elbows 31

Bronze Solder Fittings 31

Red Brass Nipples 32

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STAINLESS STEEL FITTINGS & NIPPLES

304 & 316 Heavy Pattern Stainless Steel Fittings, MSS SP114, 150# 33

304 & 316 Light Pattern Stainless Steel Fittings, ISO 4144, 150# 38

#316 Stainless Steel Nipples 42

#304 Stainless Steel Nipples 43

FLARE, COMPRESSION, HOSE BARBS, GARDEN HOSE & TUBE FITTINGS, GAS APPLIANCE CONNECTORS, TUBING & HOSE

Modular Tilt Bin Systems 45

Display Units 46

General Brass Fitting Information 47

Flare Fittings 49

Compression Fittings 53

Hose Barbs 56

Mini Barbs 57

Garden Hose Fittings 58

Combination Nipples and Hose Menders 60

Tubing 61

DIELECTRIC UNIONS/PIPE THREAD SEALANT & TAPE/PUSH FIT FITTINGS

Dielectric Unions 63

PTFE (polytetrafluoroethylene) Thread Seal Tape 64

Gray Magic Pipe Thread Compound 65

Quick Connect 66

Twistloc® Fittings 67

Push Fit Valves and Fittings 68

PEX FITTINGS

Poly-Alloy Crimp PEX Fittings 71

Poly-Alloy Cold Expansion PEX Fittings 72

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BLACK & GALVANIZED MALLEABLE IRON FITTINGS

JINAN MALLEABLE IRON

Pb NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

For Galvanized Products Only

STANDARD SPECIFICATIONS

MATERIALS:	ASTM A 197	Cupola Malleable Iron
	ASTM A 153	Zinc Coating
DIMENSIONS:	ASME/ANSI B 16.3	Malleable Iron Threaded Fittings
	ASME/ANSI B 16.14	Ferrous Pipe Plugs, Bushings, etc.
	ASME/ANSI B 16.39	Malleable Iron Threaded Pipe Unions
THREADS:	ASME/ANSI B 1.20.1	
APPROVALS:	UL Manufactured in accordance to	ASME/ANSI B16.3 ASME/ANSI B16.14 ISO 49 (Threads in accordance to ISO 7-1)
	FM Standard 1920	Pipe Couplings and Fittings for Above ground Fire Protection Systems
	NSF/ANSI Standard 61	Drinking Water System Components - Health Effects (Galvanized series only)
	NSF/ANSI Standard 372	Drinking Water System Components - Lead Content (Galvanized series only)

CANADIAN REGISTRATION NUMBER
CRN NUMBERS ARE APPLICABLE FOR 150LB MALLEABLE FITTINGS

Contact Boshart Industries for more information.

BOSHART INDUSTRIES

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MALLEABLE IRON FITTINGS - CLASS 150 LBS

90° ELBOWS

BLACK FITTINGS SIZE	PART NUMBER	LIST PRICE-B	GALVANIZED FITTINGS • Third Party Certified to NSF/ANSI 61 and NSF/ANSI 372 PART NUMBER	LIST PRICE-B	CTN	CASE
1/8	2-BLE-01	17.31	2-GE-01	20.97	50	600
1/4	2-BLE-02	17.31	2-GE-02	20.97	35	420
3/8	2-BLE-03	17.31	2-GE-03	20.97	45	270
1/2	2-BLE-05	14.08	2-GE-05	17.16	50	200
3/4	2-BLE-07	20.37	2-GE-07	24.78	30	90
1	2-BLE-10	31.28	2-GE-10	38.16	20	60
1 1/4	2-BLE-12	46.96	2-GE-12	57.19	20	40
1 1/2	2-BLE-15	62.61	2-GE-15	76.27	10	20
2	2-BLE-20	93.93	2-GE-20	114.44	8	16
2 1/2	2-BLE-25	182.26	2-GE-25	220.19	15	
3	2-BLE-30	277.70	2-GE-30	335.56	10	
4	2-BLE-40	503.54	2-GE-40	608.21	5	
5	2-BLE-50	1388.91	2-GE-50	1677.87	2	
6	2-BLE-60	1996.48	2-GE-60	2411.94	2	

45° ELBOWS

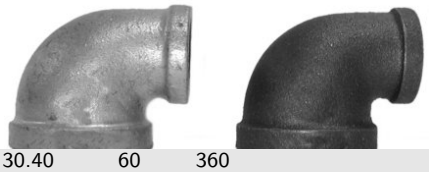
SIZE	PART NUMBER	LIST PRICE-B	PART NUMBER	LIST PRICE-B	CTN	CASE
1/8	2-BLE4-01	19.04	2-GE4-01	23.11	50	600
1/4	2-BLE4-02	19.04	2-GE4-02	23.11	35	420
3/8	2-BLE4-03	19.04	2-GE4-03	23.11	50	300
1/2	2-BLE4-05	14.08	2-GE4-05	17.16	50	200
3/4	2-BLE4-07	21.18	2-GE4-07	25.70	40	120
1	2-BLE4-10	31.28	2-GE4-10	38.16	20	60
1 1/4	2-BLE4-12	50.97	2-GE4-12	61.97	20	40
1 1/2	2-BLE4-15	62.61	2-GE4-15	76.27	15	30
2	2-BLE4-20	93.93	2-GE4-20	114.44	9	18
2 1/2	2-BLE4-25	216.99	2-GE4-25	262.20	15	
3	2-BLE4-30	329.91	2-GE4-30	398.59	10	
4	2-BLE4-40	564.30	2-GE4-40	681.53	6	
6	2-BLE4-60	3201.79	2-GE4-60	3906.88	2	

90° ST ELBOWS

SIZE	PART NUMBER	LIST PRICE-B	PART NUMBER	LIST PRICE-B	CTN	CASE
1/8	2-BLSE-01	19.04	2-GSE-01	23.11	50	600
1/4	2-BLSE-02	19.04	2-GSE-02	23.11	35	420
3/8	2-BLSE-03	19.04	2-GSE-03	23.11	40	240
1/2	2-BLSE-05	17.31	2-GSE-05	20.97	60	180
3/4	2-BLSE-07	25.19	2-GSE-07	30.40	30	90
1	2-BLSE-10	37.42	2-GSE-10	45.17	30	60
1 1/4	2-BLSE-12	65.15	2-GSE-12	78.67	20	40
1 1/2	2-BLSE-15	79.85	2-GSE-15	96.55	13	26
2	2-BLSE-20	112.95	2-GSE-20	136.41	7	14
2 1/2	2-BLSE-25	251.80	2-GSE-25	304.11	12	
3	2-BLSE-30	390.60	2-GSE-30	471.94	8	
4	2-BLSE-40	651.03	2-GSE-40	786.53	4	

Malleable Iron Fitting certifications and approvals, please contact your Inside Sale Representative.

MALLEABLE IRON FITTINGS - CLASS 150 LBS (cont'd)

	BLACK FITTINGS		GALVANIZED FITTINGS • Third Party Certified to NSF/ANSI 61 and NSF/ANSI 372			
SIZE	PART NUMBER	LIST PRICE-B	PART NUMBER	LIST PRICE-B	CTN	CASE
REDUCING 90° ELBOWS						
						
1/4 x 1/8	2-BLRE-0201	20.74	2-GRE-0201	30.40	60	360
3/8 x 1/8	2-BLRE-0301	20.74			60	360
3/8 x 1/4	2-BLRE-0302	20.74	2-GRE-0302	30.40	60	360
1/2 x 1/8	2-BLRE-0501	19.04			40	240
1/2 x 1/4	2-BLRE-0502	19.04	2-GRE-0502	23.11	40	240
1/2 x 3/8	2-BLRE-0503	19.04	2-GRE-0503	23.11	50	200
3/4 x 1/8	2-BLRE-0701	25.19			50	150
3/4 x 1/4	2-BLRE-0702	25.19	2-GRE-0702	30.40	50	150
3/4 x 3/8	2-BLRE-0703	25.19	2-GRE-0703	30.40	50	150
3/4 x 1/2	2-BLRE-0705	25.19	2-GRE-0705	30.40	40	120
1 x 1/4	2-BLRE-1002	38.26			30	90
1 x 3/8	2-BLRE-1003	38.26	2-GRE-1003	46.20	30	90
1 x 1/2	2-BLRE-1005	38.26	2-GRE-1005	46.20	30	90
1 x 3/4	2-BLRE-1007	38.26	2-GRE-1007	46.20	30	90
1 1/4 x 1/2	2-BLRE-1205	61.65	2-GRE-1205	74.40	30	60
1 1/4 x 3/4	2-BLRE-1207	61.65	2-GRE-1207	74.40	30	60
1 1/4 x 1	2-BLRE-1210	61.65	2-GRE-1210	74.40	20	40
1 1/2 x 1/2	2-BLRE-1505	76.41	2-GRE-1505	92.24	15	45
1 1/2 x 3/4	2-BLRE-1507	76.41	2-GRE-1507	92.24	23	46
1 1/2 x 1	2-BLRE-1510	76.41	2-GRE-1510	92.24	20	40
1 1/2 x 1 1/4	2-BLRE-1512	76.41	2-GRE-1512	92.24	15	30
2 x 1/2	2-BLRE-2005	112.95	2-GRE-2005	136.41	15	30
2 x 3/4	2-BLRE-2007	112.95	2-GRE-2007	136.41	15	30
2 x 1	2-BLRE-2010	112.95	2-GRE-2010	136.41	14	28
2 x 1 1/4	2-BLRE-2012	112.95	2-GRE-2012	136.41	10	20
2 x 1 1/2	2-BLRE-2015	112.95	2-GRE-2015	136.41	10	20
2 1/2 x 3/4	2-BLRE-2507	234.38			16	
2 1/2 x 1	2-BLRE-2510	234.38			16	
2 1/2 x 1 1/4	2-BLRE-2512	234.38			15	
2 1/2 x 1 1/2	2-BLRE-2515	234.38	2-GRE-2515	343.74	15	
2 1/2 x 2	2-BLRE-2520	234.38	2-GRE-2520	343.74	15	
3 x 1	2-BLRE-3010	391.40			10	
3 x 1 1/2	2-BLRE-3015	391.40	2-GRE-3015	781.39	10	
3 x 2	2-BLRE-3020	391.40	2-GRE-3020	781.39	10	
3 x 2 1/2	2-BLRE-3025	391.40	2-GRE-3025	781.39	10	
4 x 2	2-BLRE-4020	782.64	2-GRE-4020	1472.36	5	
4 x 2 1/2	2-BLRE-4025	782.64	2-GRE-4025	1472.36	5	
4 x 3	2-BLRE-4030	630.08	2-GRE-4030	1472.36	5	
STREET TEES						
1/2	2-BLST-05	39.92	2-GST-05	47.97	25	150
3/4	2-BLST-07	59.84	2-GST-07	71.74	25	100
1	2-BLST-10	79.71	2-GST-10	95.78	20	60
1 1/4	2-BLST-12	179.92	2-GST-12	155.68	20	40
1 1/2	2-BLST-15	169.46	2-GST-15	203.44	15	30
2	2-BLST-20	249.22			20	20

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MALLEABLE IRON FITTINGS - CLASS 150 LBS (cont'd)

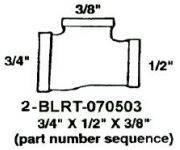
45° ST ELBOWS

SIZE	BLACK FITTINGS PART NUMBER	BLACK FITTINGS LIST PRICE-B	GALVANIZED FITTINGS PART NUMBER	GALVANIZED FITTINGS LIST PRICE-B	CTN	CASE
1/8	2-BLSE4-01	26.05	2-GSE4-01	39.10	50	600
1/4	2-BLSE4-02	26.05	2-GSE4-02	39.10	35	420
3/8	2-BLSE4-03	26.05	2-GSE4-03	39.10	45	270
1/2	2-BLSE4-05	26.05	2-GSE4-05	31.52	100	200
3/4	2-BLSE4-07	39.93	2-GSE4-07	48.23	60	120
1	2-BLSE4-10	52.92	2-GSE4-10	64.00	30	60
1 1/4	2-BLSE4-12	86.89	2-GSE4-12	104.80	20	40
1 1/2	2-BLSE4-15	104.09	2-GSE4-15	125.81	15	30
2	2-BLSE4-20	173.60	2-GSE4-20	209.76	9	18
2 1/2	2-BLSE4-25	347.15	2-GSE4-25	526.51	13	
3	2-BLSE4-30	520.86	2-GSE4-30	789.75	8	
4	2-BLSE4-40	781.19	2-GSE4-40	1292.31	6	

TEES

SIZE	BLACK FITTINGS PART NUMBER	BLACK FITTINGS LIST PRICE-B	GALVANIZED FITTINGS PART NUMBER	GALVANIZED FITTINGS LIST PRICE-B	CTN	CASE
1/8	2-BLT-01	21.78	2-GT-01	26.25	75	450
1/4	2-BLT-02	21.78	2-GT-02	26.25	50	300
3/8	2-BLT-03	21.78	2-GT-03	26.25	45	180
1/2	2-BLT-05	18.02	2-GT-05	21.85	40	120
3/4	2-BLT-07	25.77	2-GT-07	31.48	35	70
1	2-BLT-10	40.66	2-GT-10	49.57	20	40
1 1/4	2-BLT-12	61.10	2-GT-12	74.34	14	28
1 1/2	2-BLT-15	78.28	2-GT-15	95.39	11	22
2	2-BLT-20	117.44	2-GT-20	143.00	6	12
2 1/2	2-BLT-25	277.70	2-GT-25	335.56	14	
3	2-BLT-30	364.58	2-GT-30	440.42	6	
4	2-BLT-40	659.75	2-GT-40	796.91	4	
5	2-BLT-50	1736.05	2-GT-50	2196.15	2	
6	2-BLT-60	2343.67	2-GT-60	2831.25	2	

REDUCING TEES



SIZE	BLACK FITTINGS PART NUMBER	BLACK FITTINGS LIST PRICE-B	GALVANIZED FITTINGS PART NUMBER	GALVANIZED FITTINGS LIST PRICE-B	CTN	CASE
1/4 x 1/4 x 1/8	2-BLRT-020201	34.85			45	180
3/8 x 3/8 x 1/8	2-BLRT-030301	34.85			45	180
3/8 x 3/8 x 1/4	2-BLRT-030302	34.85	2-GRT-030302	46.91	45	180
1/2 x 1/2 x 1/8	2-BLRT-050501	29.55			50	200
1/2 x 1/2 x 1/4	2-BLRT-050502	29.55	2-GRT-050502	35.62	50	200
1/2 x 1/2 x 3/8	2-BLRT-050503	29.55	2-GRT-050503	35.62	45	180
1/2 x 1/2 x 3/4	2-BLRT-050507	35.62	2-GRT-050507	42.99	45	90
1/2 x 1/2 x 1	2-BLRT-050510	54.66	2-GRT-050510	66.42	30	60
3/4 x 1/2 x 1/2	2-BLRT-070505	35.62	2-GRT-070505	42.99	45	90
3/4 x 1/2 x 3/4	2-BLRT-070507	35.62	2-GRT-070507	42.99	45	90
3/4 x 1/2 x 1	2-BLRT-070510	54.66			25	50
3/4 x 3/4 x 1/4	2-BLRT-070702	35.62	2-GRT-070702	46.91	50	100
3/4 x 3/4 x 3/8	2-BLRT-070703	37.07	2-GRT-070703	46.91	30	120
3/4 x 3/4 x 1/2	2-BLRT-070705	32.14	2-GRT-070705	46.91	45	90
3/4 x 3/4 x 1	2-BLRT-070710	54.66	2-GRT-070710	66.08	25	50
1 x 1/2 x 1/2	2-BLRT-100505	54.66	2-GRT-100505	66.08	30	60

REDUCING TEES continue on next page ...

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MALLEABLE IRON FITTINGS - CLASS 150 LBS (cont'd)

REDUCING TEES (cont'd)

SIZE	BLACK FITTINGS PART NUMBER	BLACK FITTINGS LIST PRICE-B	GALVANIZED FITTINGS • Third Party Certified to NSF/ANSI 61 and NSF/ANSI 372 PART NUMBER	GALVANIZED FITTINGS LIST PRICE-B	CTN	CASE
1 x 1/2 x 3/4	2-BLRT-100507	54.66	2-GRT-100507	66.08	25	50
1 x 1/2 x 1	2-BLRT-100510	54.66	2-GRT-100510	66.08	30	60
1 x 3/4 x 1/2	2-BLRT-100705	54.66	2-GRT-100705	66.08	25	50
1 x 3/4 x 3/4	2-BLRT-100707	54.66	2-GRT-100707	66.08	25	50
1 x 3/4 x 1	2-BLRT-100710	54.66	2-GRT-100710	66.08	25	50
1 x 1 x 1/4	2-BLRT-101002	54.66	2-GRT-101002	66.08	30	60
1 x 1 x 3/8	2-BLRT-101003	54.66	2-GRT-101003	66.11	35	70
1 x 1 x 1/2	2-BLRT-101005	49.28	2-GRT-101005	60.06	35	70
1 x 1 x 3/4	2-BLRT-101007	49.28	2-GRT-101007	60.06	30	60
1 x 1 x 1 1/4	2-BLRT-101012	82.41	2-GRT-101012	99.59	18	36
1 x 1 x 1 1/2	2-BLRT-101015	104.09	2-GRT-101015	125.81	13	26
1 x 1 x 2	2-BLRT-101020	147.53			9	18
1 1/4 x 1/2 x 1/2	2-BLRT-120505	82.41			18	36
1 1/4 x 1/2 x 3/4	2-BLRT-120507	82.41			18	36
1 1/4 x 1/2 x 1	2-BLRT-120510	82.41			18	36
1 1/4 x 1/2 x 1 1/4	2-BLRT-120512	82.41	2-GRT-120512	99.59	9	36
1 1/4 x 3/4 x 1/2	2-BLRT-120705	82.41	2-GRT-120705	113.69	18	36
1 1/4 x 3/4 x 3/4	2-BLRT-120707	82.41	2-GRT-120707	113.69	18	36
1 1/4 x 3/4 x 1	2-BLRT-120710	82.41	2-GRT-120710	99.59	18	36
1 1/4 x 3/4 x 1 1/4	2-BLRT-120712	82.41	2-GRT-120712	99.59	18	36
1 1/4 x 1 x 1/2	2-BLRT-121005	82.41	2-GRT-121005	99.59	18	36
1 1/4 x 1 x 3/4	2-BLRT-121007	74.42	2-GRT-121007	99.59	18	36
1 1/4 x 1 x 1	2-BLRT-121010	82.41	2-GRT-121010	99.59	18	36
1 1/4 x 1 x 1 1/4	2-BLRT-121012	82.41	2-GRT-121012	99.59	18	36
1 1/4 x 1 x 1 1/2	2-BLRT-121015	82.41			16	32
1 1/4 x 1 1/4 x 1/4	2-BLRT-121202	82.41			16	32
1 1/4 x 1 1/4 x 3/8	2-BLRT-121203	82.41	2-GRT-121203	99.59	16	32
1 1/4 x 1 1/4 x 1/2	2-BLRT-121205	82.41	2-GRT-121205	99.59	18	36
1 1/4 x 1 1/4 x 3/4	2-BLRT-121207	82.41	2-GRT-121207	99.59	18	36
1 1/4 x 1 1/4 x 1	2-BLRT-121210	82.41	2-GRT-121210	99.59	18	36
1 1/4 x 1 1/4 x 1 1/2	2-BLRT-121215	104.09			11	22
1 1/4 x 1 1/4 x 2	2-BLRT-121220	147.53			8	16
1 1/2 x 1/2 x 3/4	2-BLRT-150507	104.09			15	30
1 1/2 x 1/2 x 1	2-BLRT-150510	104.09	2-GRT-150510	125.81	13	26
1 1/2 x 1/2 x 1 1/4	2-BLRT-150512	104.09			13	26
1 1/2 x 1/2 x 1 1/2	2-BLRT-150515	104.09	2-GRT-150515	125.81	13	26
1 1/2 x 3/4 x 1/2	2-BLRT-150705	104.09			13	26
1 1/2 x 3/4 x 3/4	2-BLRT-150707	104.09			13	26
1 1/2 x 3/4 x 1 1/4	2-BLRT-150712	104.09			11	22
1 1/2 x 3/4 x 1 1/2	2-BLRT-150715	104.09	2-GRT-150715	125.81	13	26
1 1/2 x 1 x 3/4	2-BLRT-151007	104.09	2-GRT-151007	125.81	18	36
1 1/2 x 1 x 1	2-BLRT-151010	104.09	2-GRT-151010	125.81	13	26
1 1/2 x 1 x 1 1/4	2-BLRT-151012	104.09			11	22
1 1/2 x 1 x 1 1/2	2-BLRT-151015	104.09	2-GRT-151015	125.81	13	26
1 1/2 x 1 1/4 x 1/2	2-BLRT-151205	104.09	2-GRT-151205	125.81	11	22
1 1/2 x 1 1/4 x 3/4	2-BLRT-151207	104.09	2-GRT-151207	125.81	11	22
1 1/2 x 1 1/4 x 1	2-BLRT-151210	104.09	2-GRT-151210	125.81	11	22
1 1/2 x 1 1/4 x 1 1/4	2-BLRT-151212	104.09	2-GRT-151212	125.81	11	22
1 1/2 x 1 1/4 x 1 1/2	2-BLRT-151215	104.09	2-GRT-151215	125.81	11	22
1 1/2 x 1 1/4 x 2	2-BLRT-151220	147.53			8	16
1 1/2 x 1 1/2 x 1/2	2-BLRT-151505	104.09	2-GRT-151505	125.81	18	36
1 1/2 x 1 1/2 x 3/4	2-BLRT-151507	93.93	2-GRT-151507	125.81	15	30
1 1/2 x 1 1/2 x 1	2-BLRT-151510	104.09	2-GRT-151510	125.81	13	26
1 1/2 x 1 1/2 x 1 1/4	2-BLRT-151512	104.09	2-GRT-151512	125.81	13	26
1 1/2 x 1 1/2 x 2	2-BLRT-151520	147.53	2-GRT-151520	178.29	8	16
2 x 1/2 x 2	2-BLRT-200520	147.53	2-GRT-200520	178.29	10	20
2 x 3/4 x 2	2-BLRT-200720	147.53	2-GRT-200720	178.29	9	18
2 x 1 x 1	2-BLRT-201010	147.53	2-GRT-201010	178.29	9	18

REDUCING TEES continue on next page ...

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MALLEABLE IRON FITTINGS - CLASS 150 LBS (cont'd)

REDUCING TEES (cont'd)

SIZE	BLACK FITTINGS PART NUMBER	BLACK FITTINGS LIST PRICE-B	GALVANIZED FITTINGS PART NUMBER	GALVANIZED FITTINGS LIST PRICE-B	CTN	CASE
2 x 1 x 1 1/2	2-BLRT-201015	147.53			9	18
2 x 1 x 2	2-BLRT-201020	147.53	2-GRT-201020	178.29	9	18
2 x 1 1/4 x 1	2-BLRT-201210	147.53			8	16
2 x 1 1/4 x 1 1/4	2-BLRT-201212	147.53	2-GRT-201212	178.29	8	16
2 x 1 1/4 x 1 1/2	2-BLRT-201215	147.53	2-GRT-201215	178.29	8	16
2 x 1 1/4 x 2	2-BLRT-201220	147.53	2-GRT-201220	178.29	8	16
2 x 1 1/2 x 3/4	2-BLRT-201507	147.53			8	16
2 x 1 1/2 x 1	2-BLRT-201510	147.53	2-GRT-201510	178.29	8	16
2 x 1 1/2 x 1 1/4	2-BLRT-201512	147.53	2-GRT-201512	178.29	8	16
2 x 1 1/2 x 1 1/2	2-BLRT-201515	147.53	2-GRT-201515	178.29	8	16
2 x 1 1/2 x 2	2-BLRT-201520	147.53	2-GRT-201520	178.29	8	16
2 x 2 x 1/2	2-BLRT-202005	147.53	2-GRT-202005	178.29	10	20
2 x 2 x 3/4	2-BLRT-202007	133.04	2-GRT-202007	162.07	9	18
2 x 2 x 1	2-BLRT-202010	133.04	2-GRT-202010	162.07	9	18
2 x 2 x 1 1/4	2-BLRT-202012	147.53	2-GRT-202012	178.29	9	18
2 x 2 x 1 1/2	2-BLRT-202015	147.53	2-GRT-202015	178.29	9	18
2 x 2 x 2 1/2	2-BLRT-202025	303.86			10	
2 1/2 x 1 1/2 x 2 1/2	2-BLRT-251525	303.86			10	
2 1/2 x 2 x 2	2-BLRT-252020	303.86			10	
2 1/2 x 2 x 2 1/2	2-BLRT-252025	303.86	2-GRT-252025	326.56	10	
2 1/2 x 2 1/2 x 1/2	2-BLRT-252505	303.86			10	
2 1/2 x 2 1/2 x 3/4	2-BLRT-252507	303.86	2-GRT-252507	367.07	10	
2 1/2 x 2 1/2 x 1	2-BLRT-252510	303.86	2-GRT-252510	367.07	10	
2 1/2 x 2 1/2 x 1 1/4	2-BLRT-252512	303.86			10	
2 1/2 x 2 1/2 x 1 1/2	2-BLRT-252515	303.86	2-GRT-252515	367.07	10	
2 1/2 x 2 1/2 x 2	2-BLRT-252520	303.86	2-GRT-252520	367.07	10	
3 x 2 x 2	2-BLRT-302020	434.00	2-GRT-302020	600.80	6	
3 x 2 x 3	2-BLRT-302030	434.00	2-GRT-302030	600.80	6	
3 x 3 x 1/2	2-BLRT-303005	434.00	2-GRT-303005	600.80	12	
3 x 3 x 3/4	2-BLRT-303007	434.00	2-GRT-303007	600.80	12	
3 x 3 x 1	2-BLRT-303010	434.00	2-GRT-303010	600.80	12	
3 x 3 x 1 1/4	2-BLRT-303012	434.00	2-GRT-303012	600.80	12	
3 x 3 x 1 1/2	2-BLRT-303015	434.00	2-GRT-303015	524.32	12	
3 x 3 x 2	2-BLRT-303020	434.00	2-GRT-303020	524.32	6	
3 x 3 x 2 1/2	2-BLRT-303025	434.00	2-GRT-303025	524.32	6	
4 x 4 x 1	2-BLRT-404010	824.60	2-GRT-404010	996.28	4	
4 x 4 x 1 1/4	2-BLRT-404012	824.60			4	
4 x 4 x 1 1/2	2-BLRT-404015	824.60			4	
4 x 4 x 2	2-BLRT-404020	824.60	2-GRT-404020	996.28	4	
4 x 4 x 2 1/2	2-BLRT-404025	824.60	2-GRT-404025	996.28	4	
4 x 4 x 3	2-BLRT-404030	824.60	2-GRT-404030	996.28	4	

BLACK EXTENSION PIECES

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-B
2-BLXP-05	1/2	50	300	27.26
2-BLXP-07	3/4	60	180	30.98
2-BLXP-10	1	45	90	44.34
2-BLXP-12	1 1/4	60	60	62.07
2-BLXP-15	1 1/2	35	35	75.33
2-BLXP-20	2	15	30	106.32

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MALLEABLE IRON FITTINGS - CLASS 150 LBS (cont'd)

CROSSES

SIZE	BLACK FITTINGS PART NUMBER	BLACK FITTINGS LIST PRICE-B	GALVANIZED FITTINGS PART NUMBER	GALVANIZED FITTINGS LIST PRICE-B	CTN	CASE
1/8	2-BLCR-01	43.45	2-GCR-01	52.48	60	180
1/4	2-BLCR-02	43.45	2-GCR-02	52.48	80	240
3/8	2-BLCR-03	43.45	2-GCR-03	52.48	60	120
1/2	2-BLCR-05	43.45	2-GCR-05	52.48	45	90
3/4	2-BLCR-07	60.68	2-GCR-07	73.42	30	60
1	2-BLCR-10	82.41	2-GCR-10	99.59	16	32
1 1/4	2-BLCR-12	121.59	2-GCR-12	146.75	9	18
1 1/2	2-BLCR-15	164.93	2-GCR-15	199.28	8	16
2	2-BLCR-20	225.72	2-GCR-20	272.65	5	10
2 1/2	2-BLCR-25	490.99	2-GCR-25	640.72	6	
3	2-BLCR-30	697.32	2-GCR-30	802.67	4	
4	2-BLCR-40	1294.94	2-GCR-40	1640.92	2	

FLOOR FLANGES

SIZE	BLACK FITTINGS PART NUMBER	BLACK FITTINGS LIST PRICE-B	GALVANIZED FITTINGS PART NUMBER	GALVANIZED FITTINGS LIST PRICE-B	CTN	CASE
1/2	2-BLFF-05	48.54	2-GFF-05	58.78	25	100
3/4	2-BLFF-07	67.33	2-GFF-07	81.35	20	80
1	2-BLFF-10	78.60	2-GFF-10	94.85	20	60
1 1/4	2-BLFF-12	112.08	2-GFF-12	135.50	15	45
1 1/2	2-BLFF-15	130.94	2-GFF-15	158.03	12	36
2	2-BLFF-20	158.85	2-GFF-20	192.00	8	24

CAPS

SIZE	BLACK FITTINGS PART NUMBER	BLACK FITTINGS LIST PRICE-B	GALVANIZED FITTINGS PART NUMBER	GALVANIZED FITTINGS LIST PRICE-B	CTN	CASE
1/8	2-BLCA-01	12.15	2-GCA-01	14.85	100	1200
1/4	2-BLCA-02	12.15	2-GCA-02	14.85	200	800
3/8	2-BLCA-03	12.15	2-GCA-03	14.85	50	600
1/2	2-BLCA-05	10.97	2-GCA-05	13.41	50	300
3/4	2-BLCA-07	13.36	2-GCA-07	16.18	40	240
1	2-BLCA-10	18.77	2-GCA-10	22.87	50	200
1 1/4	2-BLCA-12	27.48	2-GCA-12	33.44	25	100
1 1/2	2-BLCA-15	35.96	2-GCA-15	43.93	25	75
2	2-BLCA-20	50.03	2-GCA-20	60.95	18	54
2 1/2	2-BLCA-25	112.95	2-GCA-25	136.41	30	
3	2-BLCA-30	156.28	2-GCA-30	188.79	20	
4	2-BLCA-40	260.37	2-GCA-40	314.61	14	
5	2-BLCA-50	690.24	2-GCA-50	897.88	4	
6	2-BLCA-60	996.10	2-GCA-60	1250.28	2	

GALVANIZED FITTINGS
• Third Party Certified to NSF/ANSI 61 and NSF/ANSI 372

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MALLEABLE IRON FITTINGS - CLASS 150 LBS (cont'd)

	BLACK FITTINGS		GALVANIZED FITTINGS • Third Party Certified to NSF/ANSI 61 and NSF/ANSI 372			
SIZE	PART NUMBER	LIST PRICE-B	PART NUMBER	LIST PRICE-B	CTN	CASE
COUPLINGS						
1/8	2-BLC-01	13.01	2-GC-01	15.78	60	720
1/4	2-BLC-02	13.01	2-GC-02	15.78	40	480
3/8	2-BLC-03	13.01	2-GC-03	15.78	50	300
1/2	2-BLC-05	10.97	2-GC-05	13.41	60	240
3/4	2-BLC-07	14.85	2-GC-07	18.08	50	150
1	2-BLC-10	25.11	2-GC-10	30.51	25	75
1 1/4	2-BLC-12	35.27	2-GC-12	42.91	32	64
1 1/2	2-BLC-15	43.08	2-GC-15	52.48	18	36
2	2-BLC-20	66.57	2-GC-20	81.09	12	24
2 1/2	2-BLC-25	130.23	2-GC-25	157.38	16	
3	2-BLC-30	190.95	2-GC-30	230.64	12	
4	2-BLC-40	312.43	2-GC-40	377.56	7	
5	2-BLC-50	737.88	2-GC-50	937.59	4	
6	2-BLC-60	954.85	2-GC-60	1153.45	2	
LOCKNUTS						
1/4			2-GLN-02	17.97	100	600
1/2	2-BLLN-05	14.23	2-GLN-05	13.67	100	600
3/4	2-BLLN-07	11.33	2-GLN-07	13.67	50	300
1	2-BLLN-10	14.00	2-GLN-10	16.85	60	240
1 1/4	2-BLLN-12	18.27	2-GLN-12	22.08	30	120
1 1/2	2-BLLN-15	23.37	2-GLN-15	28.28	25	100
2			2-GLN-20	44.03	30	60
REDUCING COUPLINGS						
1/4 x 1/8	2-BLRC-0201	14.77	2-GRC-0201	17.87	35	420
3/8 x 1/8	2-BLRC-0301	14.77	2-GRC-0301	17.87	30	360
3/8 x 1/4	2-BLRC-0302	14.77	2-GRC-0302	17.87	30	360
1/2 x 1/8	2-BLRC-0501	14.77	2-GRC-0501	17.87	50	300
1/2 x 1/4	2-BLRC-0502	14.77	2-GRC-0502	17.87	50	300
1/2 x 3/8	2-BLRC-0503	14.77	2-GRC-0503	17.87	40	240
3/4 x 1/8	2-BLRC-0701	20.74	2-GRC-0701	25.17	30	180
3/4 x 1/4	2-BLRC-0702	20.74	2-GRC-0702	25.17	30	180
3/4 x 3/8	2-BLRC-0703	20.74	2-GRC-0703	25.17	30	180
3/4 x 1/2	2-BLRC-0705	18.77	2-GRC-0705	22.87	60	180
1 x 1/4	2-BLRC-1002	27.74	2-GRC-1002	33.48	40	120
1 x 3/8	2-BLRC-1003	27.74	2-GRC-1003	33.48	40	120
1 x 1/2	2-BLRC-1005	27.74	2-GRC-1005	33.48	25	100
1 x 3/4	2-BLRC-1007	25.11	2-GRC-1007	30.51	25	100
1 1/4 x 3/8	2-BLRC-1203	40.79	2-GRC-1203	49.25	25	75
1 1/4 x 1/2	2-BLRC-1205	40.79	2-GRC-1205	49.25	25	75
1 1/4 x 3/4	2-BLRC-1207	40.79	2-GRC-1207	49.25	25	75
1 1/4 x 1	2-BLRC-1210	40.79	2-GRC-1210	49.25	20	60
1 1/2 x 3/8	2-BLRC-1503	48.66			20	60
1 1/2 x 1/2	2-BLRC-1505	48.66	2-GRC-1505	58.83	20	60

REDUCING COUPLINGS continue on next page ...

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MALLEABLE IRON FITTINGS - CLASS 150 LBS (cont'd)

REDUCING COUPLINGS (cont'd)

SIZE	BLACK FITTINGS PART NUMBER	BLACK FITTINGS LIST PRICE-B	GALVANIZED FITTINGS • Third Party Certified to NSF/ANSI 61 and NSF/ANSI 372 PART NUMBER	LIST PRICE-B	CTN	CASE
1 1/2 x 3/4	2-BLRC-1507	48.66	2-GRC-1507	58.83	30	60
1 1/2 x 1	2-BLRC-1510	48.66	2-GRC-1510	58.83	25	50
1 1/2 x 1 1/4	2-BLRC-1512	48.66	2-GRC-1512	58.83	24	48
2 x 3/8	2-BLRC-2003	73.79			21	42
2 x 1/2	2-BLRC-2005	73.79	2-GRC-2005	89.15	21	42
2 x 3/4	2-BLRC-2007	73.79	2-GRC-2007	89.15	21	42
2 x 1	2-BLRC-2010	73.79	2-GRC-2010	89.15	21	42
2 x 1 1/4	2-BLRC-2012	73.79	2-GRC-2012	89.15	14	28
2 x 1 1/2	2-BLRC-2015	73.79	2-GRC-2015	89.15	12	24
2 1/2 x 1/2			2-GRC-2505	193.01	16	
2 1/2 x 3/4	2-BLRC-2507	138.83	2-GRC-2507	193.01	16	
2 1/2 x 1	2-BLRC-2510	138.83	2-GRC-2510	167.75	16	
2 1/2 x 1 1/4	2-BLRC-2512	138.83	2-GRC-2512	167.75	16	
2 1/2 x 1 1/2	2-BLRC-2515	138.83	2-GRC-2515	167.75	16	
2 1/2 x 2	2-BLRC-2520	138.83	2-GRC-2520	167.75	20	
3 x 3/4	2-BLRC-3007	216.99			12	
3 x 1	2-BLRC-3010	216.99	2-GRC-3010	262.20	12	
3 x 1 1/4	2-BLRC-3012	216.99	2-GRC-3012	262.20	12	
3 x 1 1/2	2-BLRC-3015	216.99	2-GRC-3015	262.20	12	
3 x 2	2-BLRC-3020	216.99	2-GRC-3020	262.20	12	
3 x 2 1/2	2-BLRC-3025	216.99	2-GRC-3025	262.20	12	
4 x 1	2-BLRC-4010	399.28			9	
4 x 1 1/4	2-BLRC-4012	399.28			9	
4 x 1 1/2	2-BLRC-4015	399.28	2-GRC-4015	482.31	9	
4 x 2	2-BLRC-4020	399.28	2-GRC-4020	482.31	9	
4 x 2 1/2	2-BLRC-4025	399.28	2-GRC-4025	482.31	9	
4 x 3	2-BLRC-4030	399.28	2-GRC-4030	482.31	8	
5 x 4	2-BLRC-5040	878.05	2-GRC-5040	1055.80	2	
6 x 3	2-BLRC-6030	1351.84	2-GRC-6030	1441.62	2	
6 x 4	2-BLRC-6040	1351.84	2-GRC-6040	1441.62	2	

PLUGS

2-BLP-50-BAR

SIZE	BLACK FITTINGS PART NUMBER	BLACK FITTINGS LIST PRICE-B	GALVANIZED FITTINGS PART NUMBER	LIST PRICE-B	CTN	CASE
1/8	2-BLP-01	14.78	2-GP-01	19.04	90	1080
1/4	2-BLP-02	14.78	2-GP-02	19.04	75	900
3/8	2-BLP-03	14.78	2-GP-03	19.04	45	540
1/2	2-BLP-05	11.76	2-GP-05	16.73	40	480
3/4	2-BLP-07	15.23	2-GP-07	22.19	25	300
1	2-BLP-10	15.68	2-GP-10	25.11	40	160
1 1/4	2-BLP-12	23.51	2-GP-12	28.67	25	100
1 1/2	2-BLP-15	27.48	2-GP-15	33.44	24	72
2	2-BLP-20	39.24	2-GP-20	47.79	15	45
2 1/2	2-BLP-25	86.89	2-GP-25	104.80	40	
3	2-BLP-30	121.59	2-GP-30	146.75	30	
4	2-BLP-40	216.99	2-GP-40	262.20	8	
5	2-BLP-50	550.08	2-GP-50	687.47	10	
5	2-BLP-50-BAR	550.08			10	
6	2-BLP-60	711.50	2-GP-60	968.89	2	8

Malleable Iron Fitting certifications and approvals, please contact your Inside Sale Representative.

BOSHART INDUSTRIES

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

MALLEABLE IRON FITTINGS - CLASS 150 LBS (cont'd)

	BLACK FITTINGS		GALVANIZED FITTINGS • Third Party Certified to NSF/ANSI 61 and NSF/ANSI 372			
SIZE	PART NUMBER	LIST PRICE-B	PART NUMBER	LIST PRICE-B	CTN	CASE
SOLID PLUGS			GALVANIZED SOLID PLUGS NOT AVAILABLE			
1/8	2-BLPS-01	14.78			90	1080
1/4	2-BLPS-02	14.78			75	900
3/8	2-BLPS-03	14.78			45	540
1/2	2-BLPS-05	11.76			40	480
3/4	2-BLPS-07	15.23			25	300
1	2-BLPS-10	15.68			40	160
1 1/4	2-BLPS-12	23.51			25	100
1 1/2	2-BLPS-15	27.48			24	72
2	2-BLPS-20	39.24			15	45
2 1/2	2-BLPS-25	86.89			30	
3	2-BLPS-30	121.59			20	
4	2-BLPS-40	216.99			8	
UNIONS			CAST IRON TO BRONZE SEAT			
1/8	2-BLU-01	78.12	2-GU-01	94.38	30	180
1/4	2-BLU-02	78.12	2-GU-02	94.38	30	180
3/8	2-BLU-03	78.12	2-GU-03	94.38	35	140
1/2	2-BLU-05	70.40	2-GU-05	85.81	30	120
3/4	2-BLU-07	90.04	2-GU-07	109.85	25	75
1	2-BLU-10	105.79	2-GU-10	128.71	30	60
1 1/4	2-BLU-12	140.92	2-GU-12	171.75	18	36
1 1/2	2-BLU-15	187.78	2-GU-15	225.24	12	24
2	2-BLU-20	281.74	2-GU-20	343.12	8	16
2 1/2	2-BLU-25	520.86	2-GU-25	629.14	10	
3	2-BLU-30	868.08	2-GU-30	1047.09	5	
4	2-BLU-40	1721.88	2-GU-40	2094.11	3	
6	2-BLU-60	4080.88	2-GU-60	4774.72	2	
BUSHINGS						
1/4 x 1/8	2-BLB-0201	22.25	2-GB-0201	34.77	100	1200
3/8 x 1/8	2-BLB-0301	22.25	2-GB-0301	34.77	100	600
3/8 x 1/4	2-BLB-0302	22.25	2-GB-0302	34.77	100	600
1/2 x 1/8	2-BLB-0501	13.01	2-GB-0501	15.78	150	600
1/2 x 1/4	2-BLB-0502	13.01	2-GB-0502	15.78	100	600
1/2 x 3/8	2-BLB-0503	13.01	2-GB-0503	15.78	100	600
3/4 x 1/8	2-BLB-0701	14.77	2-GB-0701	17.87	50	300
3/4 x 1/4	2-BLB-0702	14.77	2-GB-0702	17.87	50	300
3/4 x 3/8	2-BLB-0703	14.77	2-GB-0703	17.87	50	300
3/4 x 1/2	2-BLB-0705	14.77	2-GB-0705	17.87	50	300
◇1 x 1/8	2-BLB-1001	24.93	2-GB-1001	29.86	50	200
◇1 x 1/4	2-BLB-1002	21.78	2-GB-1002	26.31	50	200
◇1 x 3/8	2-BLB-1003	21.78	2-GB-1003	26.31	50	200
1 x 1/2	2-BLB-1005	19.61	2-GB-1005	23.80	50	200
1 x 3/4	2-BLB-1007	19.61	2-GB-1007	23.80	70	280
◇1 1/4 x 1/4	2-BLB-1202	34.76	2-GB-1202	41.96	30	120
◇1 1/4 x 3/8	2-BLB-1203	34.76	2-GB-1203	41.96	30	120
◇1 1/4 x 1/2	2-BLB-1205	34.76	2-GB-1205	41.96	30	120
1 1/4 x 3/4	2-BLB-1207	34.76	2-GB-1207	41.96	30	120
1 1/4 x 1	2-BLB-1210	31.28	2-GB-1210	38.16	30	120

NOTE: ◇ Items have an inside head † Items have an octagon head

BUSHINGS continue on next page ...

Malleable Iron Fitting certifications and approvals, please contact your Inside Sale Representative.

MALLEABLE IRON FITTINGS - CLASS 150 LBS (cont'd)

SIZE	BLACK FITTINGS PART NUMBER	BLACK FITTINGS LIST PRICE-B	GALVANIZED FITTINGS • Third Party Certified to NSF/ANSI 61 and NSF/ANSI 372 PART NUMBER	GALVANIZED FITTINGS LIST PRICE-B	CTN	CASE
BUSHINGS (cont'd)						
◇1 1/2 x 1/8	2-BLB-1501	40.79			25	75
◇1 1/2 x 1/4	2-BLB-1502	40.79	2-GB-1502	49.25	25	75
◇1 1/2 x 3/8	2-BLB-1503	40.79	2-GB-1503	49.25	25	75
◇1 1/2 x 1/2	2-BLB-1505	40.79	2-GB-1505	49.25	25	75
◇1 1/2 x 3/4	2-BLB-1507	40.79	2-GB-1507	49.25	25	75
1 1/2 x 1	2-BLB-1510	40.79	2-GB-1510	49.25	25	75
1 1/2 x 1 1/4	2-BLB-1512	40.79	2-GB-1512	49.25	25	75
◇2 x 1/4	2-BLB-2002	56.40	2-GB-2002	68.06	20	60
◇2 x 3/8	2-BLB-2003	56.40	2-GB-2003	68.06	20	60
◇2 x 1/2	2-BLB-2005	56.40	2-GB-2005	68.06	20	60
◇2 x 3/4	2-BLB-2007	56.40	2-GB-2007	68.06	20	60
◇2 x 1	2-BLB-2010	56.40	2-GB-2010	68.06	20	60
†2 x 1 1/4	2-BLB-2012	50.97	2-GB-2012	61.97	20	60
†2 x 1 1/2	2-BLB-2015	50.97	2-GB-2015	61.97	20	60
◇2 1/2 x 1/2	2-BLB-2505	95.43	2-GB-2505	115.35	50	
2 1/2 x 3/4	2-BLB-2507	95.43	2-GB-2507	115.35	50	
◇2 1/2 x 1	2-BLB-2510	95.43	2-GB-2510	115.35	24	
◇2 1/2 x 1 1/4	2-BLB-2512	95.43	2-GB-2512	115.35	24	
†2 1/2 x 1 1/2	2-BLB-2515	95.43	2-GB-2515	115.35	28	
†2 1/2 x 2	2-BLB-2520	95.43	2-GB-2520	115.35	32	
◇3 x 1/2	2-BLB-3005	160.63	2-GB-3005	193.16	20	
◇3 x 3/4	2-BLB-3007	160.63			20	
◇3 x 1	2-BLB-3010	138.83	2-GB-3010	167.75	20	
◇3 x 1 1/4	2-BLB-3012	138.83	2-GB-3012	167.75	20	
◇3 x 1 1/2	2-BLB-3015	138.83	2-GB-3015	167.75	20	
†3 x 2	2-BLB-3020	138.83	2-GB-3020	167.75	20	
†3 x 2 1/2	2-BLB-3025	138.83	2-GB-3025	167.75	20	
◇3 1/2 x 2	2-BLB-3520	256.25			10	
†3 1/2 x 3	2-BLB-3530	355.72			10	
4 x 3/4	2-BLB-4007	260.37			10	
◇4 x 1	2-BLB-4010	260.37	2-GB-4010	314.61	10	
◇4 x 1 1/4	2-BLB-4012	260.37	2-GB-4012	314.61	10	
◇4 x 1 1/2	2-BLB-4015	260.37	2-GB-4015	314.61	10	
◇4 x 2	2-BLB-4020	260.37	2-GB-4020	314.61	10	
◇4 x 2 1/2	2-BLB-4025	260.37	2-GB-4025	314.61	10	
4 x 3	2-BLB-4030	260.37	2-GB-4030	314.61	10	
◇5 x 2	2-BLB-5020	491.91			10	
◇5 x 3	2-BLB-5030	602.01	2-GB-5030	717.95	5	10
†5 x 4	2-BLB-5040	602.01	2-GB-5040	864.05	5	10
◇6 x 3	2-BLB-6030	711.50	2-GB-6030	937.62	8	
†6 x 4	2-BLB-6040	711.50	2-GB-6040	937.62	8	
†6 x 5	2-BLB-6050	711.50	2-GB-6050	937.62	8	

NOTE: ◇ Items have an inside head † Items have an octagon head

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MALLEABLE IRON FITTINGS - CLASS 300 LBS

JINAN MALLEABLE IRON

STANDARD SPECIFICATION:

MATERIALS:	ANSI/ASTM A-197	
DIMENSIONS:	ANSI B 16.3	Malleable Iron Threaded Fittings
	ANSI B 16.14	Malleable Iron Threaded Plugs
	ANSI B 16.39	Malleable Iron Threaded Unions
THREADS:	ANSI/ASME B 1.20.1	General Pipe Threads (Inches)
APPROVALS:	UL Manufactured in accordance to	ASME/ANSI B16.3 ASME/ANSI B16.14 ISO 49 (Threads in accordance to ISO 7-1)
	FM Standard 1920	Pipe Couplings and Fittings for Above ground Fire Protection Systems
	NSF/ANSI Standard 61	Drinking Water System Components - Health Effects (Galvanized series only)
	NSF/ANSI Standard 372	Drinking Water System Components - Lead Content (Galvanized series only)

CANADIAN REGISTRATION NUMBER
CRN NUMBERS ARE APPLICABLE FOR 300LB MALLEABLE FITTINGS

Contact Boshart Industries for more information.

MALLEABLE IRON FITTINGS - CLASS 300 LBS

SIZE	BLACK PART NO.	LIST PRICE-C	GALV. PART NO.	LIST PRICE-C	QUANTITY CTN	QUANTITY CASE
90° - ELBOW - 300#						
1/4	BL3E-02	13.43	G3E-02	19.45	150	300
3/8	BL3E-03	13.43	G3E-03	19.45	60	120
1/2	BL3E-05	12.97	G3E-05	18.68	60	120
3/4	BL3E-07	18.68	G3E-07	26.93	40	80
1	BL3E-10	28.94	G3E-10	41.76	20	40
1 1/4	BL3E-12	42.91	G3E-12	67.61	14	28
1 1/2	BL3E-15	50.58	G3E-15	83.07	12	24
2	BL3E-20	74.52	G3E-20	124.86	6	12
2 1/2	BL3E-25	83.74	G3E-25	150.12	4	8
3	BL3E-30	145.44	G3E-30	332.89	4	Bulk
4	BL3E-40	263.60	G3E-40	603.37	2	Bulk
45° - ELBOW - 300#						
1/4	BL3E4-02	14.00	G3E4-02	20.20	75	150
3/8	BL3E4-03	14.00	G3E4-03	20.20	100	200
1/2	BL3E4-05	13.43	G3E4-05	19.45	60	120
3/4	BL3E4-07	19.72	G3E4-07	28.40	50	100
1	BL3E4-10	28.69	G3E4-10	41.34	30	60
1 1/4	BL3E4-12	47.82	G3E4-12	69.09	12	24
1 1/2	BL3E4-15	57.33	G3E4-15	82.78	12	24
2	BL3E4-20	90.71	G3E4-20	130.97	6	12
2 1/2	BL3E4-25	235.49	G3E4-25	339.93	4	8
3	BL3E4-30	346.43	G3E4-30	500.19	4	Bulk
4	BL3E4-40	1212.76	G3E4-40	855.55	2	2
90° ST. ELBOW - 300#						
1/4	BL3SE-02	16.75	G3SE-02	24.06	140	280
3/8	BL3SE-03	16.75	G3SE-03	24.06	120	240
1/2	BL3SE-05	14.18	G3SE-05	20.51	60	120
3/4	BL3SE-07	20.67	G3SE-07	29.84	40	80
1	BL3SE-10	30.69	G3SE-10	44.25	30	60
1 1/4	BL3SE-12	46.36	G3SE-12	66.92	18	36
1 1/2	BL3SE-15	63.86	G3SE-15	92.13	12	24
2	BL3SE-20	92.70	G3SE-20	133.78	6	12
3	BL3SE-30	320.84			4	Bulk
90° REDUCING ELBOW - 300#						
3/8 x 1/4	BL3RE-0302	31.54			25	150
1/2 x 3/8	BL3RE-0503	34.99			80	160
3/4 x 1/2	BL3RE-0705	55.52			15	60
1 x 1/2	BL3RE-1005	122.46				Bulk
1 x 3/4	BL3RE-1007	70.01			20	40
1 1/4 x 3/4	BL3RE-1207	159.97				Bulk
1 1/4 x 1	BL3RE-1210	145.52				Bulk
1 1/2 x 1	BL3RE-1510	206.44				Bulk
1 1/2 x 1 1/4	BL3RE-1512	206.44				Bulk
2 x 1 1/4	BL3RE-2012	290.16				Bulk
2 x 1 1/2	BL3RE-2015	258.74				Bulk
CROSSES - 300#						
1/4	BL3CR-02	205.81				Bulk
1/2	BL3CR-05	20.55	G3CR-05	POR	30	60
3/4	BL3CR-07	28.79	G3CR-07	POR	20	40
1	BL3CR-10	39.08	G3CR-10	POR	15	30
1 1/4	BL3CR-12	57.55	G3CR-12	POR	8	16
1 1/2	BL3CR-15	78.11	G3CR-15	POR	8	16
2	BL3CR-20	106.87	G3CR-20	POR	4	8

MALLEABLE IRON FITTINGS - CLASS 300 LBS (cont'd)

UNIONS - 300#

SIZE	BLACK PART NO.	LIST PRICE-C	GALV. PART NO.	LIST PRICE-C	QUANTITY CTN	QUANTITY CASE
CAST IRON TO BRASS SEAT						
1/8	BL3U-01	63.91			120	240
1/4	BL3U-02	34.65	G3U-02	48.38	100	200
3/8	BL3U-03	35.39	G3U-03	49.23	60	120
1/2	BL3U-05	28.69	G3U-05	46.86	40	80
3/4	BL3U-07	31.62	G3U-07	50.59	20	40
1	BL3U-10	41.42	G3U-10	67.24	25	50
1 1/4	BL3U-12	67.31	G3U-12	93.78	15	30
1 1/2	BL3U-15	70.52	G3U-15	112.93	12	24
2	BL3U-20	87.45	G3U-20	135.56	6	12
2 1/2	BL3U-25	556.33	G3U-25	811.72	4	8
3	BL3U-30	844.42	G3U-30	1232.08	4	8
4	BL3U-40	1947.72	G3U-40	2841.69	4	Bulk

COUPLINGS - 300#

1/4	BL3C-02	11.04	G3C-02	15.80	180	360
3/8	BL3C-03	11.04	G3C-03	15.80	100	200
1/2	BL3C-05	10.28	G3C-05	14.69	60	120
3/4	BL3C-07	12.97	G3C-07	18.68	40	80
1	BL3C-10	21.75	G3C-10	31.27	30	60
1 1/4	BL3C-12	27.53	G3C-12	45.01	12	24
1 1/2	BL3C-15	37.67	G3C-15	54.35	12	24
2	BL3C-20	58.85	G3C-20	84.96	8	16
2 1/2	BL3C-25	114.06	G3C-25	164.67	4	8
3	BL3C-30	167.46	G3C-30	241.80	4	8
4	BL3C-40	274.01	G3C-40	395.68	4	Bulk

REDUCING COUPLINGS - 300#

3/8 x 1/4	BL3RC-0302	13.43	G3RC-0302	47.53	100	200
1/2 x 1/4	BL3RC-0502	13.43	G3RC-0502	19.43	100	200
1/2 x 3/8	BL3RC-0503	12.20	G3RC-0503	17.68	100	200
3/4 x 1/4	BL3RC-0702	19.14	G3RC-0702	POR	45	90
3/4 x 3/8	BL3RC-0703	19.14	G3RC-0703	27.69	30	60
3/4 x 1/2	BL3RC-0705	17.44	G3RC-0705	25.18	45	90
1 x 1/4	BL3RC-1002	67.46				Bulk
1 x 3/8	BL3RC-1003	81.42			50	100
1 x 1/2	BL3RC-1005	25.55	G3RC-1005	36.84	40	80
1 x 3/4	BL3RC-1007	23.16	G3RC-1007	33.45	40	80
1 1/4 x 1/2	BL3RC-1205	37.25	G3RC-1205	53.81	25	50
1 1/4 x 3/4	BL3RC-1207	37.25	G3RC-1207	53.81	25	50
1 1/4 x 1	BL3RC-1210	33.95	G3RC-1210	48.90	25	50
1 1/2 x 1/2	BL3RC-1505	44.61	G3RC-1505	64.54	20	40
1 1/2 x 3/4	BL3RC-1507	44.61	G3RC-1507	64.54	20	40
1 1/2 x 1	BL3RC-1510	44.61	G3RC-1510	64.54	20	40
1 1/2 x 1 1/4	BL3RC-1512	40.64	G3RC-1512	58.68	15	30
2 x 1/2	BL3RC-2005	67.73	G3RC-2005	97.83	16	32
2 x 3/4	BL3RC-2007	67.73	G3RC-2007	97.83	16	32
2 x 1	BL3RC-2010	67.73	G3RC-2010	97.83	12	24
2 x 1 1/4	BL3RC-2012	67.73	G3RC-2012	97.83	12	24
2 x 1 1/2	BL3RC-2015	61.57	G3RC-2015	88.89	12	24
2 1/2 x 1 1/2	BL3RC-2515	127.48	G3RC-2515	184.08	4	8
2 1/2 x 2	BL3RC-2520	127.48	G3RC-2520	184.08	4	8
3 x 1 1/2	BL3RC-3015	199.28			4	8
3 x 2	BL3RC-3020	199.28	G3RC-3020	283.53	4	8
3 x 2 1/2	BL3RC-3025	199.28	G3RC-3025	283.53	4	8
4 x 2	BL3RC-4020	POR				Bulk
4 x 3	BL3RC-4030	405.49	G3RC-4030	526.09	6	Bulk

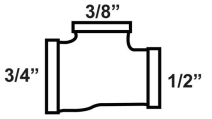
MALLEABLE IRON FITTINGS - CLASS 300 LBS (cont'd)

TEES - 300#

SIZE	BLACK PART NO.	LIST PRICE-C	GALV. PART NO.	LIST PRICE-C	QUANTITY CTN	QUANTITY CASE
1/4	BL3T-02	17.97	G3T-02	25.90	100	200
3/8	BL3T-03	17.97	G3T-03	25.90	80	160
1/2	BL3T-05	16.75	G3T-05	24.06	40	80
3/4	BL3T-07	23.99	G3T-07	34.55	20	40
1	BL3T-10	37.67	G3T-10	54.35	20	40
1 1/4	BL3T-12	58.30	G3T-12	84.18	12	24
1 1/2	BL3T-15	65.63	G3T-15	113.32	8	16
2	BL3T-20	96.46	G3T-20	156.12	5	10
2 1/2	BL3T-25	118.28	G3T-25	333.07	3	6
3	BL3T-30	155.23	G3T-30	392.43	4	Bulk
4	BL3T-40	280.92	G3T-40	710.06	2	Bulk

REDUCING TEES - 300#

1/2 x 1/2 x 1/4	BL3RT-050502	59.69			20	80
3/4 x 1/2 x 1/2	BL3RT-070505	POR				Bulk
3/4 x 1/2 x 3/4	BL3RT-070507	POR				Bulk
3/4 x 3/4 x 1/4	BL3RT-070702	POR				Bulk
3/4 x 3/4 x 3/8	BL3RT-070703	POR				Bulk
3/4 x 3/4 x 1/2	BL3RT-070705	29.37	G3RT-070705	42.50	20	40
1 x 1/2 x 1	BL3RT-100510	POR				Bulk
1 x 3/4 x 3/4	BL3RT-100707	POR				Bulk
1 x 3/4 x 1	BL3RT-100710	POR				Bulk
1 x 1 x 1/4	BL3RT-101002	182.62				Bulk
1 x 1 x 1/2	BL3RT-101005	45.11	G3RT-101005	65.09	20	40
1 x 1 x 3/4	BL3RT-101007	45.11	G3RT-101007	65.09	20	40
1 1/4 x 1 x 1	BL3RT-121010	238.31				Bulk
1 1/4 x 1 1/4 x 1/2	BL3RT-121205	75.10	G3RT-121205	108.47	12	24
1 1/4 x 1 1/4 x 3/4	BL3RT-121207	75.10	G3RT-121207	108.47	12	24
1 1/4 x 1 1/4 x 1	BL3RT-121210	68.23	G3RT-121210	98.58	12	24
1 1/2 x 1 1/2 x 1/2	BL3RT-151505	94.86	G3RT-151505	124.53	8	16
1 1/2 x 1 1/2 x 3/4	BL3RT-151507	94.86	G3RT-151507	124.53	8	16
1 1/2 x 1 1/2 x 1	BL3RT-151510	94.86	G3RT-151510	124.53	8	16
1 1/2 x 1 1/2 x 1 1/4	BL3RT-151512	86.16	G3RT-151512	124.53	8	16
2 x 1 1/2 x 2	BL3RT-201520	POR				Bulk
2 x 2 x 1/2	BL3RT-202005	134.33	G3RT-202005	193.91	5	10
2 x 2 x 3/4	BL3RT-202007	134.33	G3RT-202007	193.91	5	10
2 x 2 x 1	BL3RT-202010	134.33	G3RT-202010	193.91	5	10
2 x 2 x 1 1/4	BL3RT-202012	134.33	G3RT-202012	193.91	5	10
2 x 2 x 1 1/2	BL3RT-202015	122.12	G3RT-202015	176.28	5	10
2 1/2 x 2 1/2 x 1 1/2	BL3RT-252515	934.90				Bulk
3 x 3 x 2	BL3RT-303020	993.10			3	6



BL3RT-070503
3/4" X 1/2" X 3/8"
(part number sequence)

CAPS - 300#

1/4	BL3CA-02	10.87	G3CA-02	16.35	120	240
3/8	BL3CA-03	10.28	G3CA-03	14.69	75	150
1/2	BL3CA-05	9.95	G3CA-05	14.36	60	120
3/4	BL3CA-07	11.97	G3CA-07	17.22	40	80
1	BL3CA-10	17.20	G3CA-10	24.79	25	50
1 1/4	BL3CA-12	24.92	G3CA-12	36.00	20	40
1 1/2	BL3CA-15	31.46	G3CA-15	45.34	20	40
2	BL3CA-20	45.57	G3CA-20	65.79	12	24
2 1/2	BL3CA-25	101.93	G3CA-25	381.24	6	12
3	BL3CA-30	141.16	G3CA-30	520.64	6	12
4	BL3CA-40	235.26			3	6

BOSHART INDUSTRIES

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BLACK SCH. 40 STEEL PIPE NIPPLES

- Nipple Specification ASTM A733 • Thread Specification ANSI B.1.20.1
- LIST PRICE PER UNIT • When ordering Black Nipples, Part No. starts with **BLN-** • PRICE CODE - C
- CRN Number for Steel Nipples - Contact Boshart Industries for more information.

Size	Length		1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	3/4"	3.37	3.42	3.61	4.06	4.24	4.67	4.81	5.52	5.65	5.91	5.82	6.96	7.33	7.74	8.20	8.60	9.14
	Part#	01	0115	0120	0125	0130	0135	0140	0145	0150	0155	0160	0170	0180	0190	01100	01110	01120
1/4"	7/8"	2.98	3.07	3.24	3.68	3.89	4.17	4.39	5.78	6.15	6.24	6.45	6.73	7.11	7.49	7.96	8.34	8.81
	Part#	02	0215	0220	0225	0230	0235	0240	0245	0250	0255	0260	0270	0280	0290	02100	02110	02120
3/8"	1"	2.99	3.13	3.34	3.75	3.97	4.39	4.81	5.84	6.19	6.37	6.90	7.26	7.69	8.11	8.72	9.09	9.60
	Part#	03	0315	0320	0325	0330	0335	0340	0345	0350	0355	0360	0370	0380	0390	03100	03110	03120
1/2"	1 1/8"	1.77	1.79	1.99	2.10	2.35	2.69	2.81	3.13	3.34	3.58	3.75	6.79	7.49	8.26	8.51	8.99	9.59
	Part#	05	0515	0520	0525	0530	0535	0540	0545	0550	0555	0560	0570	0580	0590	05100	05110	05120
3/4"	1 3/8"	2.16	2.23	2.35	2.42	2.77	2.99	3.21	3.48	3.75	4.12	4.50	8.51	8.88	9.50	10.02	10.70	11.49
	Part#	07	0715	0720	0725	0730	0735	0740	0745	0750	0755	0760	0770	0780	0790	07100	07110	07120
1"	1 1/2"	3.21		3.48	3.75	3.90	4.34	4.67	5.11	5.52	5.82	6.11	10.78	11.42	12.56	13.20	14.01	14.66
	Part#	10		1020	1025	1030	1035	1040	1045	1050	1055	1060	1070	1080	1090	10100	10110	10120
1 1/4"	1 5/8"	4.01		4.42	4.51	5.04	5.52	5.91	6.33	6.81	7.20	7.64	12.97	13.86	15.04	16.05	17.22	18.01
	Part#	12		1220	1225	1230	1235	1240	1245	1250	1255	1260	1270	1280	1290	12100	12110	12120
1 1/2"	1 3/4"	4.85		5.19	5.68	6.06	6.82	7.30	7.75	8.20	8.74	9.23	14.75	15.66	16.73	17.79	19.04	19.96
	Part#	15		1520	1525	1530	1535	1540	1545	1550	1555	1560	1570	1580	1590	15100	15110	15120
2"	2"	6.30			6.96	7.54	8.48	9.28	9.98	10.71	11.58	12.34	17.69	20.16	21.68	23.15	25.59	27.40
	Part#	20			2025	2030	2035	2040	2045	2050	2055	2060	2070	2080	2090	20100	20110	20120
2 1/2"	2 1/2"	23.25				24.36	26.84	27.84	29.75	31.52	33.59	35.37	36.27	37.02	40.68	44.45	48.21	51.88
	Part#	25				2530	2535	2540	2545	2550	2555	2560	2570	2580	2590	25100	25110	25120
3"	2 5/8"	26.47				27.22	30.44	31.14	32.91	34.82	37.39	39.59	40.71	45.41	49.31	53.89	58.56	63.26
	Part#	30				3030	3035	3040	3045	3050	3055	3060	3070	3080	3090	30100	30110	30120
4"	2 7/8"	39.73					43.27	45.10	47.63	51.58	55.63	59.74	65.98	73.28	80.52	87.78	95.16	95.05
	Part#	40					4035	4040	4045	4050	4055	4060	4070	4080	4090	40100	40110	40120
6"	3 1/8"	170.46							208.08	208.08	232.68	232.68	239.80	255.01	267.88	271.11	289.41	309.65
	Part#	60							6045	6050	6055	6060	6070	6080	6090	60100	60110	60120
		Close	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"

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GALVANIZED SCH. 40 STEEL PIPE NIPPLES

• Nipple Specification ASTM A733 • Thread Specification ANSI B.1.20.1
• LIST PRICE PER UNIT • PRICE CODE - C • When ordering Galvanized Nipples, Part No. starts with **GN-**
• CRN Number for Steel Nipples - Contact Boshart Industries for more information. • Third Party Certified to NSF/ANSI 61 and NSF/ANSI 372

Size	Length Close	Close	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	3/4"	3.76	4.06	4.60	5.36	5.68	6.19	6.54	6.82	7.20	7.49	7.83	8.56	9.23	9.37	10.27	10.90	11.56
	Part#	01	0115	0120	0125	0130	0135	0140	0145	0150	0155	0160	0170	0180	0190	01100	01110	01120
1/4"	7/8"	3.34	3.58	3.76	4.34	4.60	5.04	5.49	6.19	6.77	7.20	7.54	8.10	8.63	9.25	9.81	10.45	11.05
	Part#	02	0215	0220	0225	0230	0235	0240	0245	0250	0255	0260	0270	0280	0290	02100	02110	02120
3/8"	1"	3.43	3.61	3.89	4.45	4.73	5.14	5.67	6.56	7.33	7.62	7.96	8.36	8.97	9.63	10.42	10.95	11.71
	Part#	03	0315	0320	0325	0330	0335	0340	0345	0350	0355	0360	0370	0380	0390	03100	03110	03120
1/2"	1 1/8"	2.17	2.35	2.54	2.78	2.99	3.37	3.68	3.90	4.21	4.60	4.88	10.02	10.02	10.36	10.78	11.71	12.37
	Part#	05	0515	0520	0525	0530	0535	0540	0545	0550	0555	0560	0570	0580	0590	05100	05110	05120
3/4"	1 3/8"	2.69	2.78	2.90	3.21	3.58	4.01	4.42	4.77	5.14	5.55	6.06	11.16	12.40	13.01	13.20	14.11	15.66
	Part#	07	0715	0720	0725	0730	0735	0740	0745	0750	0755	0760	0770	0780	0790	07100	07110	07120
1"	1 1/2"	3.94		4.34	4.69	5.08	5.67	6.18	6.67	7.08	7.48	7.96	13.66	14.75	16.23	17.53	18.54	19.39
	Part#	10		1020	1025	1030	1035	1040	1045	1050	1055	1060	1070	1080	1090	10100	10110	10120
1 1/4"	1 5/8"	5.08		5.65	5.92	6.36	7.18	7.83	8.35	8.98	9.50	10.12	17.32	18.87	20.21	21.77	22.76	24.64
	Part#	12		1220	1225	1230	1235	1240	1245	1250	1255	1260	1270	1280	1290	12100	12110	12120
1 1/2"	1 3/4"	6.19		6.56	7.18	7.69	8.60	9.43	10.15	10.90	11.58	12.13	18.75	20.79	22.40	23.92	25.08	26.76
	Part#	15		1520	1525	1530	1535	1540	1545	1550	1555	1560	1570	1580	1590	15100	15110	15120
2"	2"	8.04			8.88	9.81	11.05	12.04	12.88	13.86	14.85	15.81	24.54	26.35	28.37	30.27	32.36	34.71
	Part#	20			2025	2030	2035	2040	2045	2050	2055	2060	2070	2080	2090	20100	20110	20120
2 1/2"	2 1/2"	30.58				31.52	35.45	36.47	38.78	41.78	44.76	47.17	49.38	52.47	55.03	59.88	64.86	69.97
	Part#	25				2530	2535	2540	2545	2550	2555	2560	2570	2580	2590	25100	25110	25120
3"	2 5/8"	36.14				37.11	41.53	42.65	45.38	48.50	51.45	54.52	59.04	62.81	69.24	75.89	82.19	88.76
	Part#	30				3030	3035	3040	3045	3050	3055	3060	3070	3080	3090	30100	30110	30120
4"	2 7/8"	53.84					58.65	60.04	64.79	70.23	75.89	81.39	91.40	101.97	111.84	122.15	132.22	142.44
	Part#	40					4035	4040	4045	4050	4055	4060	4070	4080	4090	40100	40110	40120
6"	3 1/8"	230.44							334.74	339.73	359.63	326.04	344.47	359.65	434.76	382.52	478.75	511.03
	Part#	60							6045	6050	6055	6060	6070	6080	6090	60100	60110	60120
		Close	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"

3-18
June 11/18

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BLACK SCH. 80 SEAMLESS STEEL PIPE NIPPLES

• CRN Number for Seamless Steel Nipples - Contact Boshart Industries for more information.
• Nipple Specification ASTM A106B • Thread Specification ANSI B.1.20.1
• LIST PRICE PER UNIT • PRICE CODE - C • When ordering Black Heavy Duty Nipples, Part No. starts with **BLHN-**

Size	Length Close	Close	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	3/4"	8.08	8.26	8.81	9.52	10.12	11.17	11.87	12.40	13.25	14.12	15.04	17.41	19.33	21.00	22.66	24.40	26.20
	Part#	01	0115	0120	0125	0130	0135	0140	0145	0150	0155	0160	0170	0180	0190	01100	01110	01120
1/4"	7/8"	3.58	3.68	3.89	4.06	4.39	4.81	5.14	5.67	6.19	6.77	7.20	7.60	8.26	9.09	9.74	10.61	12.02
	Part#	02	0215	0220	0225	0230	0235	0240	0245	0250	0255	0260	0270	0280	0290	02100	02110	02120
3/8"	1"	3.94	3.97	4.24	4.50	4.81	5.30	5.84	6.56	7.08	7.75	8.11	8.59	9.21	10.04	10.83	11.71	12.54
	Part#	03	0315	0320	0325	0330	0335	0340	0345	0350	0355	0360	0370	0380	0390	03100	03110	03120
1/2"	1 1/8"	3.61	3.89	4.12	4.50	4.73	5.36	5.82	6.30	6.73	7.18	7.49	11.51	12.60	13.13	13.60	14.52	15.69
	Part#	05	0515	0520	0525	0530	0535	0540	0545	0550	0555	0560	0570	0580	0590	05100	05110	05120
3/4"	1 3/8"	4.45	4.59	4.81	5.08	5.41	6.06	6.44	7.06	7.48	7.99	8.51	13.55	14.92	15.69	16.33	17.62	19.14
	Part#	07	0715	0720	0725	0730	0735	0740	0745	0750	0755	0760	0770	0780	0790	07100	07110	07120
1"	1 1/2"	6.67		7.22	7.69	8.10	8.89	9.43	10.12	10.61	11.24	11.94	16.33	18.01	19.73	21.52	23.48	25.30
	Part#	10		1020	1025	1030	1035	1040	1045	1050	1055	1060	1070	1080	1090	10100	10110	10120
1 1/4"	1 5/8"	8.34		8.81	10.12	10.12	11.16	11.94	12.70	13.55	14.27	15.09	20.53	22.82	24.97	27.40	29.62	31.27
	Part#	12		1220	1225	1230	1235	1240	1245	1250	1255	1260	1270	1280	1290	12100	12110	12120
1 1/2"	1 3/4"	9.74		10.29	11.22	11.91	13.20	14.38	15.04	16.05	16.91	17.91	21.70	24.15	26.46	28.97	31.42	33.93
	Part#	15		1520	1525	1530	1535	1540	1545	1550	1555	1560	1570	1580	1590	15100	15110	15120
2"	2"	12.97			14.27	15.51	17.24	18.60	20.02	21.51	22.76	24.14	29.33	32.53	35.93	39.35	42.72	46.16
	Part#	20			2025	2030	2035	2040	2045	2050	2055	2060	2070	2080	2090	20100	20110	20120
2 1/2"	2 1/2"	39.10				40.71	45.74	47.09	49.68	53.02	56.21	59.55	61.47	64.92	68.15	74.26	80.55	86.77
	Part#	25				2530	2535	2540	2545	2550	2555	2560	2570	2580	2590	25100	25110	25120
3"	2 5/8"	44.00				44.83	50.08	51.37	54.34	57.86	61.49	64.98	66.79	74.37		89.93	105.46	105.46
	Part#	30				3030	3035	3040	3045	3050	3055	3060	3070	3080		30100	30110	30120
4"	2 7/8"	65.22					69.98	73.51	75.75	84.38		97.32		121.26		145.25	155.43	169.25
	Part#	40					4035	4040	4045	4050		4060		4080		40100	40110	40120
		Close	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"

Note: Galvanized Heavy Duty Nipples Available on Request

TOE NIPPLES

Size		10"	12"
1 1/4"		16.05	18.52
	Part#	12100T	12120T

• LIST PRICE PER UNIT • PRICE CODE - C
• When ordering Toe Nipples, Part No. starts with **BLN-**
• Threaded one end only - Other end square cut

BLACK READY CUT PIPE

• LIST PRICE PER UNIT • PRICE CODE - C
• When ordering Black Ready Cut Pipe, Part No. starts with **BLRCP-**

Size	18"	24"	30"	36"	48"	60"	72"
1/8"	13.25	15.31	18.61	22.21	29.65	37.02	44.45
Part#	01180	01240	01300	01360	01480	01600	01720
1/4"	15.56	18.30	21.16	26.39	32.07	38.16	45.75
Part#	02180	02240	02300	02360	02480	02600	02720
3/8"	17.12	20.31	23.78	28.55	35.96	43.10	49.38
Part#	03180	03240	03300	03360	03480	03600	03720
1/2"	13.60	16.80	21.01	25.19	33.51	41.94	47.74
Part#	05180	05240	05300	05360	05480	05600	05720
3/4"	16.95	20.27	25.27	30.33	40.42	50.47	57.50
Part#	07180	07240	07300	07360	07480	07600	07720
1"	23.69	28.62	33.80	39.34	51.72	64.61	77.15
Part#	10180	10240	10300	10360	10480	10600	10720
1 1/4"	29.74	37.64	49.44	59.28	75.30	92.41	102.12
Part#	12180	12240	12300	12360	12480	12600	12720
1 1/2"	32.81	43.73	51.82	60.58	76.82	93.99	120.12
Part#	15180	15240	15300	15360	15480	15600	15720
2"	44.93	58.95	69.83	81.41	103.14	126.03	159.77
Part#	20180	20240	20300	20360	20480	20600	20720

GALVANIZED READY CUT PIPE

• LIST PRICE PER UNIT • PRICE CODE - C
• When ordering Galvanized Ready Cut Pipe, Part No. starts with **GRCP-**

Size	18"	24"	30"	36"	48"	60"	72"
1/8"	POR	POR	POR	POR	POR	POR	POR
Part#	01180	01240	01300	01360	01480	01600	01720
1/4"	18.81	23.91	24.15	35.85	47.74	59.62	67.98
Part#	02180	02240	02300	02360	02480	02600	02720
3/8"	21.41	25.22	29.67	37.86	50.42	63.04	71.94
Part#	03180	03240	03300	03360	03480	03600	03720
1/2"	16.87	22.13	27.66	33.14	44.22	55.22	62.96
Part#	05180	05240	05300	05360	05480	05600	05720
3/4"	21.30	28.06	35.14	42.12	56.13	70.15	79.82
Part#	07180	07240	07300	07360	07480	07600	07720
1"	30.07	37.49	44.93	52.88	69.62	87.04	99.19
Part#	10180	10240	10300	10360	10480	10600	10720
1 1/4"	40.07	49.68	59.58	70.28	90.21	111.15	130.17
Part#	12180	12240	12300	12360	12480	12600	12720
1 1/2"	44.93	58.05	69.90	82.57	106.46	131.15	153.61
Part#	15180	15240	15300	15360	15480	15600	15720
2"	58.21	77.59	94.79	111.75	143.57	146.87	206.90
Part#	20180	20240	20300	20360	20480	20600	20720

STEEL NIPPLE ASSORTMENTS

PART NO. BLACK	LIST PRICE-C	PART NO. GALV.	LIST PRICE-C	SIZE	QUANTITIES INCLUDED IN EACH ASSORTMENT										TOTAL PIECES	APPROX. WEIGHT LB.
					CLOSE	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	
BLNA-05	297.17	GNA-05	369.14	1/2"	6	6	6	6	6	6	6	6	6	6	6	16.00
BLNA-07	361.54	GNA-07	452.25	3/4"	6	6	6	6	6	6	6	6	6	6	6	22.00
BLNA-10	420.43	GNA-10	524.48	1"	6		6	6	6	6	6	6	6	6	6	31.50
BLNA-05-25	107.57			1/2"	4	3	3	3	2	2	2	1	2	1	2	4.6
BLNA-07-25	128.97			3/4"	6		4	3	2	2	2	1	2	1	2	6.2
BLNA-10-25	174.39			1"	5		5	3	2	2	2	1	2	1	2	9.1
BLNA-05SR	40.80	GNA-05SR	34.10	1/2"	1	1	1	1	1	1	1	1	1	1	1	2.50
BLNA-07SR	46.72	GNA-07SR	41.83	3/4"	1	1	1	1	1	1	1	1	1	1	1	3.25
BLNA-10SR	58.02	GNA-10SR	56.02	1"	1		1	1	1	1	1	1	1	1	1	4.15
BLNA-12SR	69.70	GNA-12SR	80.86	1-1/4"	1		1	1	1	1	1	1	1	1	1	6.50
BLNA-15SR	80.91	GNA-15SR	95.76	1-1/2"	1		1	1	1	1	1	1	1	1	1	7.25
BLNA-20SR	96.91	GNA-20SR	109.08	2"	1			1	1	1	1	1	1	1	9	9.65

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READY-CUT PIPE RACK ASSORTMENTS

PART NO.	DESCRIPTION	LIST PRICE-A
RCP-RACK	51cm x 49cm x 70cm (high) 20" x 19" x 27.5" (high) 35cm (13.7") high at front	326.90

Assembly required.

Following are three suggested assortments that would fit into the pipe rack. Please contact your Sales Rep for pricing.

SUGGESTED GALVANIZED ASSORTMENT INCLUDES:
Number of pieces indicated below the Part No.:

PIPE LENGTHS	1/2" DIAMETER	3/4" DIAMETER	1" DIAMETER	1 1/4" DIAMETER	1 1/2" DIAMETER
60"	GRCP-05600 5	GRCP-07600 5	GRCP-10600 3	GRCP-12600 3	GRCP-15600 3
48"	GRCP-05480 5	GRCP-07480 5	GRCP-10480 3	GRCP-12480 3	GRCP-15480 3
36"	GRCP-05360 5	GRCP-07360 5	GRCP-10360 3	GRCP-12360 3	GRCP-15360 3
30"	GRCP-05300 5	GRCP-07300 5	GRCP-10300 3	GRCP-12300 3	GRCP-15300 3
24"	GRCP-05240 5	GRCP-07240 5	GRCP-10240 3	GRCP-12240 3	GRCP-15240 3
18"	GRCP-05180 5	GRCP-07180 5	GRCP-10180 3	GRCP-12180 3	GRCP-15180 3

SUGGESTED BLACK ASSORTMENT INCLUDES:
Number of pieces indicated below the Part No.:

PIPE LENGTHS	1/2" DIAMETER	3/4" DIAMETER	1" DIAMETER	1 1/4" DIAMETER	1 1/2" DIAMETER
60"	BLRCP-05600 5	BLRCP-07600 5	BLRCP-10600 3	BLRCP-12600 3	BLRCP-15600 3
48"	BLRCP-05480 5	BLRCP-07480 5	BLRCP-10480 3	BLRCP-12480 3	BLRCP-15480 3
36"	BLRCP-05360 5	BLRCP-07360 5	BLRCP-10360 3	BLRCP-12360 3	BLRCP-15360 3
30"	BLRCP-05300 5	BLRCP-07300 5	BLRCP-10300 3	BLRCP-12300 3	BLRCP-15300 3
24"	BLRCP-05240 5	BLRCP-07240 5	BLRCP-10240 3	BLRCP-12240 3	BLRCP-15240 3
18"	BLRCP-05180 5	BLRCP-07180 5	BLRCP-10180 3	BLRCP-12180 3	BLRCP-15180 3

SUGGESTED GALVANIZED & BLACK MIX INCLUDES:
Number of pieces indicated below the Part No.:

PIPE LENGTHS	1/2" DIAMETER	3/4" DIAMETER	1" DIAMETER	1" DIAMETER	3/4" DIAMETER
60"	GRCP-05600 5	GRCP-07600 5	GRCP-10600 3	BLRCP-10600 3	BLRCP-07600 3
48"	GRCP-05480 5	GRCP-07480 5	GRCP-10480 3	BLRCP-10480 3	BLRCP-07480 3
36"	GRCP-05360 5	GRCP-07360 5	GRCP-10360 3	BLRCP-10360 3	BLRCP-07360 3
30"	GRCP-05300 5	GRCP-07300 5	GRCP-10300 3	BLRCP-10300 3	BLRCP-07300 3
24"	GRCP-05240 5	GRCP-07240 5	GRCP-10240 3	BLRCP-10240 3	BLRCP-07240 3
18"	GRCP-05180 5	GRCP-07180 5	GRCP-10180 3	BLRCP-10180 3	BLRCP-07180 3

Not exactly as shown

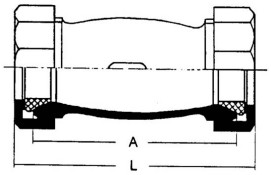
For complete ordering information, please call your Inside Sales Representative.

GALVANIZED COMPRESSION (DRESSER) COUPLINGS - IRON PIPE SIZE

- Material and standard: Malleable iron ANSI/ASTM A-197
- Gasket Material: Nitrile
- Maximum operating temperature: -10°C(14°F) to 60°C(140°F)
- Surface finish: Hot-dipped galvanized
- Ring: Galvanized carbon steel
- Pressure Rating: Up to 150 PSI

PART NO.	IPS SIZE	PIPE O.D.	DIMENSIONS A MM	A IN	L MM	L IN	QUANTITY CTN	QUANTITY CASE	LIST PRICE-B
GCC-05	1/2"	0.84"	85	3.34	99	3.89	24	48	153.38
GCC-07	3/4"	1.05"	92	3.62	107	4.21	20	40	171.99
GCC-10	1"	1.315"	100	3.93	117	4.60	12	24	201.82
GCC-12	1 1/4"	1.66"	104	4.09	121	4.76	9	18	256.25
GCC-15	1 1/2"	1.90"	108	4.25	126	4.96	6	12	303.63
GCC-20	2"	2.375"	111	4.37	129	5.07	5	10	453.98

NOTE: Galvanized Compression Couplings are not CRN registered.



NOTE: Pipes must be properly restrained or end blocked to prevent blow off after installation.

STANDARD MERCHANT COUPLINGS - ASTM A865

BLACK PART NO.	LIST PRICE-A	GALV. PART NO.	LIST PRICE-A	SIZE	LENGTH INCHES	DIAM. INCHES	WEIGHT LBS/PCS	QUANTITY CTN	QUANTITY CASE
BLMC-01	0.78	GMC-01	0.79	1/8	3/4	0.563	0.037	100	1200
BLMC-02	0.95	GMC-02	1.00	1/4	1 1/8	0.719	0.077	100	800
BLMC-03	1.05	GMC-03	1.12	3/8	1 1/8	0.875	0.099	100	600
BLMC-05	1.13	GMC-05	1.23	1/2	1 1/2	1.063	0.165	100	400
BLMC-07	1.55	GMC-07	1.66	3/4	1 9/16	1.313	0.253	50	
BLMC-10	2.35	GMC-10	2.58	1	1 15/16	1.576	0.388	30	
BLMC-12	2.86	GMC-12	3.13	1 1/4	2	1.900	0.496	25	
BLMC-15	3.69	GMC-15	4.04	1 1/2	2	2.200	0.683	25	
BLMC-20	4.96	GMC-20	5.56	2	2 1/16	2.750	1.036	20	
BLMC-25	14.06	GMC-25	16.00	2 1/2	3 1/16	3.250	2.204	24	
BLMC-30	21.93	GMC-30	24.99	3	3 3/16	4.000	3.086	18	
BLMC-35	29.80			3 1/2	3 5/16	4.625	3.306	12	
BLMC-40	29.80	GMC-40	33.95	4	3 7/16	5.000	4.409	12	
BLMC-50	52.76			5	3 11/16	6.292	8.51	6	
BLMC-60	79.65	GMC-60	90.18	6	3 15/16	7.390	10.361	4	
BLMC-80	203.25			8	4 3/16	9.626	14.66		

NOTE: 1/8" - 2" Straight Tapped 2 1/2" - 8" Taper Tapped

Threaded all the way through

HALF MERCHANT COUPLINGS - ASTM A865

BLACK PART NO.	LIST PRICE-A	SIZE	LENGTH INCHES	DIAM. INCHES	WEIGHT LBS/PCS	QUANTITY CTN	QUANTITY CASE
BLMHC-01	0.59	1/8	17/32	0.563	0.018	200	2400
BLMHC-02	0.71	1/4	17/32	0.719	0.038	200	2000
BLMHC-03	0.78	3/8	17/32	0.875	0.049	200	1200
BLMHC-05	0.85	1/2	23/32	1.063	0.082	200	800
BLMHC-07	1.16	3/4	3/4	1.313	0.126	200	400
BLMHC-10	1.77	1	15/16	1.576	0.194	100	300
BLMHC-12	2.15	1 1/4	31/32	1.900	0.248	50	200
BLMHC-15	2.76	1 1/2	31/32	2.200	0.341	50	200
BLMHC-20	3.73	2	1	2.750	0.518	100	
BLMHC-25	9.99	2 1/2	1 1/2	3.250	1.102	48	
BLMHC-30	15.59	3	1 9/16	4.000	1.543	30	
BLMHC-35	21.17	3 1/2	1 5/8	4.625	1.653	24	
BLMHC-40	21.17	4	1 11/16	5.000	2.204	24	
BLMHC-50	38.89	5	1 3/4	6.292	3.40	15	
BLMHC-60	56.59	6	1 7/8	7.390	5.180	6	
BLMHC-80	75.45	8	2 3/32	9.626	7.16	4	

NOTE: 1/8" - 2" Straight Tapped 2 1/2" - 8" Taper Tapped

Half couplings are chamfered on one end with the other end square.

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MERCHANT STEEL PIPE FITTINGS

STANDARD SPECIFICATIONS

MATERIALS:	ASTM A 108	Carbon Steel 12L14, C1010
	ASME B 633.07	RoHS Compliant Zinc Plating
DIMENSIONS:	ASME B 16.14	Ferrous Pipe Plugs, Bushing
	SAE J531	Taper Thread Pipe Plugs
THREADS:	Dryseal NPTF	American Standard Taper Pipe Thread

Merchant steel fittings are designed with NPTF Taper Pipe Threads for more critical applications where the sealing compound may fail due to high heat or pressure, NPTF Dryseal threads produce a mechanical seal by the mating and slight crushing of the threads when a wrench is applied to tighten the fittings.

MERCHANT STEEL HEX BUSHINGS

SIZE	BLACK PART NO.	LIST PRICE-A	GALVANIZED PART NO.	LIST PRICE-A	QTY CTN	WEIGHT LBS/100pcs
1/4" x 1/8"	BLMB-0201	1.35	GMB-0201	1.45	100	2
3/8" x 1/8"	BLMB-0301	1.61	GMB-0301	1.72	100	4
3/8" x 1/4"	BLMB-0302	1.61	GMB-0302	1.72	100	3
1/2" x 1/8"	BLMB-0501	2.49	GMB-0501	2.75	100	10
1/2" x 1/4"	BLMB-0502	2.49	GMB-0502	2.75	100	8
1/2" x 3/8"	BLMB-0503	2.49	GMB-0503	2.75	100	5
3/4" x 1/8"	BLMB-0701	3.77	GMB-0701	4.55	100	19
3/4" x 1/4"	BLMB-0702	3.77	GMB-0702	4.55	100	18
3/4" x 3/8"	BLMB-0703	3.77	GMB-0703	4.55	100	14
3/4" x 1/2"	BLMB-0705	3.77	GMB-0705	4.55	100	10

MERCHANT STEEL HEX CAPS

SIZE	BLACK PART NO.	LIST PRICE-A	GALVANIZED PART NO.	LIST PRICE-A	QTY CTN	WEIGHT LBS/100pcs
1/8"	BLMHCA-01	1.23	GMHCA-01	1.39	100	2.5
1/4"	BLMHCA-02	1.66	GMHCA-02	1.88	100	3
3/8"	BLMHCA-03	2.29	GMHCA-03	2.62	100	6.5
1/2"	BLMHCA-05	3.47	GMHCA-05	4.08	100	11.5
3/4"	BLMHCA-07	5.04	GMHCA-07	5.77	50	16

MERCHANT STEEL SQUARE HEAD PLUGS

SIZE	BLACK PART NO.	LIST PRICE-A	GALVANIZED PART NO.	LIST PRICE-A	QTY CTN	WEIGHT LBS/100pcs
1/8"	BLMP-01	0.39	GMP-01	0.43	100	2
1/4"	BLMP-02	0.59	GMP-02	0.69	100	3.5
3/8"	BLMP-03	0.91	GMP-03	1.03	100	6
1/2"	BLMP-05	1.69	GMP-05	1.98	100	11
3/4"	BLMP-07	2.38	GMP-07	2.83	100	18

MERCHANT STEEL COUNTERSUNK SQUARE SOCKET PLUGS

SIZE	BLACK PART NO.	LIST PRICE-A	GALVANIZED PART NO.	LIST PRICE-A	QTY CTN	WEIGHT LBS/100pcs
1/8"	BLMPCSS-01	0.34	GMPCSS-01	0.38	100	2
1/4"	BLMPCSS-02	0.45	GMPCSS-02	0.51	100	4
3/8"	BLMPCSS-03	0.62	GMPCSS-03	0.73	100	3
1/2"	BLMPCSS-05	0.96	GMPCSS-05	1.10	100	10
3/4"	BLMPCSS-07	1.53	GMPCSS-07	1.79	100	8
1"	BLMPCSS-10	3.68	GMPCSS-10	5.19	50	5
1-1/4"	BLMPCSS-12	5.92	GMPCSS-12	7.88	25	19
1-1/2"	BLMPCSS-15	15.08	GMPCSS-15	17.39	25	18
2"	BLMPCSS-20	26.56	GMPCSS-20	31.58	20	14

MERCHANT STEEL COUNTERSUNK HEX SOCKET PLUGS

SIZE	BLACK PART NO.	LIST PRICE-A	GALVANIZED PART NO.	LIST PRICE-A	QTY CTN	WEIGHT LBS/100pcs
1/8"	BLMPCHS-01	0.34	GMPCHS-01	0.38	100	2
1/4"	BLMPCHS-02	0.45	GMPCHS-02	0.51	100	4
3/8"	BLMPCHS-03	0.62	GMPCHS-03	0.73	100	3
1/2"	BLMPCHS-05	0.96	GMPCHS-05	1.10	100	10
3/4"	BLMPCHS-07	1.53	GMPCHS-07	1.79	100	8
1"	BLMPCHS-10	3.68	GMPCHS-10	5.19	50	5
1-1/4"	BLMPCHS-12	5.92	GMPCHS-12	7.88	25	19
1-1/2"	BLMPCHS-15	15.08	GMPCHS-15	17.39	25	18
2"	BLMPCHS-20	26.56	GMPCHS-20	31.58	20	14

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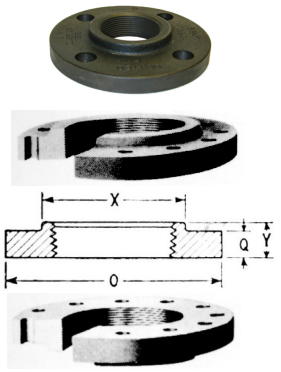
CAST IRON COMPANION FLANGES

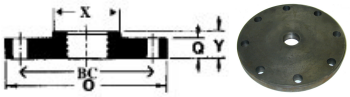
- ANSI B16.1 Class 125, Threads to ANSI B1.20.1 NPT
- Nominal operating pressure 200 PSI at temperatures between-20°F to 150°F (-29°C to 65°C).
- If temperature exceeds 150°F(65°C) pressure drops. Not for use at temperature lower than -20°F (-29°C).



PART NO.	PIPE SIZE IN.	DIAM. OF FLANGE O, IN	THICK OF FLANGE Q, IN	DIAM. OF HUB X, IN	LENGTH THROUGH HUB Y, IN	NUMBER OF BOLT HOLES	QTY	LIST PRICE-A
BLCF-10	1	4.25	0.44	1.94	0.69	4	Bulk	8.00
BLCF-12	1-1/4	4.62	0.50	2.31	0.81	4	Bulk	8.90
BLCF-15	1 1/2	5.00	0.56	2.56	0.88	4	Bulk	11.76
BLCF-20	2	6.00	0.62	3.06	1.00	4	Bulk	16.91
BLCF-25	2 1/2	7.00	0.69	3.56	1.12	4	Bulk	27.26
BLCF-30	3	7.50	0.75	4.25	1.19	4	Bulk	32.87
BLCF-40	4	9.00	0.94	5.31	1.31	8	Bulk	49.12
BLCF-50	5	10.00	0.94	6.44	1.44	8	Bulk	59.18
BLCF-60	6	11.00	1.00	7.56	1.56	8	Bulk	69.88
BLCF-80	8	13.50	1.12	9.69	1.75	8	Bulk	120.11
BLCF-100	10	16.00	1.19	11.94	1.94	12	Bulk	164.28
BLCF-120	12	19.00	1.25	14.06	2.19	12	Bulk	234.62

CAST IRON REDUCING COMPANION FLANGES

- ANSI B16.1 Class 125, Threads to ANSI B1.20.1 NPT
- Nominal operating pressure 200 PSI at temperatures between -20° to 150°F (-29°C to 65°C).
- If temperature exceeds 150°F(65°C) pressure drops. Not for use at temperature lower than -20°F (-29°C).



PART NO.	PIPE SIZE IN.	DIAM. OF FLANGE O, IN	BC	THICK OF FLANGE Q, IN	DIAM. OF HUB X, IN	LENGTH THROUGH HUB, Y	NUMBER OF BOLT HOLES	WGT lbs	QTY	LIST PRICE-A
BLCFR-1050	1"	5"	3.88	0.56	1.94	0.69	4	2.75	Bulk	11.71
BLCFR-1060	1"	6"	4.75	0.62	1.94	0.69	4	5.00	Bulk	21.31
BLCFR-1075	1"	7-1/2"	6.00	0.75	1.94	0.81	4	9.00	Bulk	38.37
BLCFR-1250	1-1/4"	5"	3.88	0.56	2.31	0.81	4	2.50	Bulk	10.61
BLCFR-1260	1-1/4"	6"	4.75	0.62	2.31	0.81	4	4.75	Bulk	15.51
BLCFR-15110	1-1/2"	11"	9.50	1.00	2.56	1.06	8	27.00	Bulk	99.50
BLCFR-1560	1-1/2"	6"	4.75	0.62	2.56	0.88	4	4.50	Bulk	17.36
BLCFR-1570	1-1/2"	7"	5.50	0.69	2.56	0.88	4	7.00	Bulk	29.56
BLCFR-1575	1-1/2"	7-1/2"	6.00	0.75	2.56	0.88	4	8.75	Bulk	35.67
BLCFR-1590	1-1/2"	9"	7.50	0.94	2.56	1.00	8	14.75	Bulk	68.08
BLCFR-20110	2"	11"	9.50	1.00	3.06	1.06	8	26.00	Bulk	98.55
BLCFR-201350	2"	13-1/2"	11.75	1.12	3.06	1.19	8	44.00	Bulk	154.83
BLCFR-2070	2"	7"	5.50	0.69	3.06	1.00	4	6.75	Bulk	30.97
BLCFR-2075	2"	7-1/2"	6.00	0.75	3.06	1.00	4	8.50	Bulk	34.72
BLCFR-2090	2"	9"	7.50	0.94	3.06	1.00	8	14.00	Bulk	60.08
BLCFR-25110	2-1/2"	11"	9.50	1.00	3.56	1.12	8	25.00	Bulk	92.95
BLCFR-2575	2-1/2"	7-1/2"	6.00	0.75	3.56	1.12	4	8.00	Bulk	34.27
BLCFR-2590	2-1/2"	9"	7.50	0.94	3.56	1.12	8	13.50	Bulk	55.43
BLCFR-30100	3"	10"	8.50	0.94	4.25	1.19	8	17.00	Bulk	73.69
BLCFR-30110	3"	11"	9.50	1.00	4.25	1.19	8	23.00	Bulk	90.95
BLCFR-301350	3"	13-1/2"	11.75	1.12	4.25	1.19	8	40.00	Bulk	157.68
BLCFR-3090	3"	9"	7.50	0.94	4.25	1.19	8	12.75	Bulk	54.43
BLCFR-40100	4"	10"	8.50	0.94	5.31	1.31	8	16.00	Bulk	65.63
BLCFR-40110	4"	11"	9.50	1.00	5.31	1.31	8	21.00	Bulk	88.19
BLCFR-401350	4"	13-1/2"	11.75	1.12	5.31	1.31	8	37.00	Bulk	153.93
BLCFR-50110	5"	11"	9.50	1.00	6.44	1.44	8	19.00	Bulk	84.49
BLCFR-601350	6"	13-1/2"	11.75	1.12	7.56	1.56	8	31.00	Bulk	144.57

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CLASS 125/150 COMPANION FLANGE BOLT/GASKET KITS

Features/Construction:

- 1/8" Thick, Full faced SBR (Styrene Butadiene Rubber) Red Gasket ASTM D1330, Grade II, Durometer 75 Shore A
- ASTM A307 zinc plated carbon steel bolts
- ASTM A563 zinc plated carbon steel nuts
- Each kit comes packaged in a sealed poly bag with one gasket and the correct number of bolts/nuts to suit one flange

PART NO.	PIPE SIZE (inch)	FLANGE O.D. (inch)	BOLT CIRCLE DIA. (inch)	NO. OF BOLTS/ NUTS	BOLT DIA. (inch)	BOLT LENGTH (inch)	CASE QTY	LIST PRICE-A
BLCFGK-20	2	6.00	4.75	4	5/8	2-1/2		14.74
BLCFGK-25	2-1/2	7.00	5.50	4	5/8	2-1/2		15.29
BLCFGK-30	3	7.50	6.00	4	5/8	2-1/2		15.79
BLCFGK-40	4	9.00	7.50	8	5/8	3		24.32
BLCFGK-50	5	10.00	8.50	8	3/4	3-1/2	10	36.18
BLCFGK-60	6	11.00	9.50	8	3/4	3-1/2		37.23
BLCFGK-80	8	13.50	11.75	8	3/4	3-1/2	8	42.50
BLCFGK-100	10	16.00	14.25	12	7/8	4		73.97
BLCFGK-120	12	19.00	17.00	12	7/8	4		77.90

COMPANION FLANGE GASKETS

- Nominal operating pressure 200 PSI at temperatures between-20°F to 150°F (-29°C to 65°C).
- If temperature exceeds 150°F(65°C) pressure drops. Not for use at temperature lower than -20°F (-29°C).

PART NO.	DESCRIPTION	SIZE	LIST PRICE-A	PART NO.	DESCRIPTION	SIZE	LIST PRICE-A
BLCFG-15	Rubber Fulface Gasket	1 1/2" #150	3.94	BLCFG-50	Rubber Fulface Gasket	5" #150	13.26
BLCFG-20	Rubber Fulface Gasket	2" #150	5.45	BLCFG-60	Rubber Fulface Gasket	6" #150	15.03
BLCFG-25	Rubber Fulface Gasket	2 1/2" #150	7.48	BLCFG-80	Rubber Fulface Gasket	8" #150	20.68
BLCFG-30	Rubber Fulface Gasket	3" #150	8.07	BLCFG-100	Rubber Fulface Gasket	10" #150	28.55
BLCFG-40	Rubber Fulface Gasket	4" #150	11.22	BLCFG-120	Rubber Fulface Gasket	12" #150	41.48

CAST BRONZE THREADED PIPE FITTINGS - 125 LBS

STANDARD SPECIFICATION:

MATERIALS:	**ASTM B 584-93b**
DIMENSIONS:	**ANSI B 16.15, ANSI B 16.18**
FLANGE DIMENSIONS:	**ANSI B 16.24**
THREADS:	**ANSI/ASME B 1.20.1**

• CRN Number for Cast Bronze Fittings - Contact Boshart Industries for more information.

Bronze Fittings

• Not for Conveying Potable Water

No Lead Bronze Fittings

• Third Party Certified to NSF/ANSI 61 and NSF/ANSI 372

SIZE	PART NO.	CTN	CASE	LIST PRICE-F	PART NO.	CTN	CASE	LIST PRICE-E
BUSHINGS								
1/4 x 1/8	2-BRB-0201	120	1440	22.55	NLBRB-0201	120	1440	22.55
3/8 x 1/8					NLBRB-0301	75	900	22.55
3/8 x 1/4	2-BRB-0302	75	900	22.55	NLBRB-0302	75	900	22.55
1/2 x 1/8	2-BRB-0501-3	150	600	32.20	NLBRB-0501-3	150	600	32.20
1/2 x 1/4	2-BRB-0502	150	600	24.32	NLBRB-0502	150	600	24.32
1/2 x 3/8	2-BRB-0503	150	600	24.32	NLBRB-0503	150	600	24.32
3/4 x 1/8					NLBRB-0701-3	75	300	44.42
3/4 x 1/4	2-BRB-0702-3	75	300	42.64	NLBRB-0702-3	75	300	42.64
3/4 x 3/8					NLBRB-0703	75	300	30.58
3/4 x 1/2	2-BRB-0705	75	300	30.58	NLBRB-0705	75	300	30.58
◇1 x 1/4	2-BRB-1002-3	50	200	63.40	NLBRB-1002-3	50	200	63.40
1 x 3/8					NLBRB-1003-3	50	200	61.05
1 x 1/2	2-BRB-1005	50	200	49.86	NLBRB-1005	50	200	49.86
1 x 3/4	2-BRB-1007	50	200	49.86	NLBRB-1007	50	200	49.86
1 1/4 x 1/4					NLBRB-1202-3	30	120	121.00
◇1 1/4 x 3/8	2-BRB-1203-3	30	120	121.00	NLBRB-1203-3	30	120	121.00
◇1 1/4 x 1/2	2-BRB-1205-3	30	120	103.38	NLBRB-1205-3	30	120	103.38
1 1/4 x 3/4	2-BRB-1207	30	120	83.63	NLBRB-1207	30	120	83.63
1 1/4 x 1	2-BRB-1210	30	120	83.63	NLBRB-1210	30	120	83.63
1 1/2 x 1/2					NLBRB-1505-3	25	75	138.88
◇1 1/2 x 3/4	2-BRB-1507-3	25	75	133.49	NLBRB-1507-3	25	75	133.49
1 1/2 x 1	2-BRB-1510	25	75	103.31	NLBRB-1510	25	75	103.31
1 1/2 x 1 1/4	2-BRB-1512	25	75	103.31	NLBRB-1512	25	75	103.31
2 x 1/2					NLBRB-2005-3	20	60	201.98
◇2 x 3/4	2-BRB-2007-3	20	60	201.98	NLBRB-2007-3	20	60	201.98
◇2 x 1	2-BRB-2010-3	20	60	194.15	NLBRB-2010-3	20	60	194.15
†2 x 1 1/4	2-BRB-2012	20	60	157.50	NLBRB-2012	20	60	157.50
†2 x 1 1/2	2-BRB-2015	20	60	157.50	NLBRB-2015	20	60	157.50
2 1/2 x 1					NLBRB-2510-3	15	30	467.73
2 1/2 x 1 1/4					NLBRB-2512-3	15	30	449.05
2 1/2 x 1 1/2					NLBRB-2515	15	30	371.95
†2 1/2 x 2	2-BRB-2520	15	30	371.95	NLBRB-2520	15	30	371.95
3 x 2					NLBRB-3020	12	24	655.45
3 x 2 1/2					NLBRB-3025	12	24	655.45
4 x 2					NLBRB-4020-3	5	10	1971.07
4 x 2 1/2					NLBRB-4025	5	10	1474.28
4 x 3					NLBRB-4030	5	10	1474.28

NOTE: ◇ Items have an inside head † Items have an octagon head

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CAST BRONZE THREADED PIPE FITTINGS - 125 LBS (cont'd)

Bronze Fittings
• Not for Conveying Potable Water

No Lead Bronze Fittings
• Third Party Certified to NSF/ANSI 61 and NSF/ANSI 372

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

90° ELBOWS

SIZE	PART NO.	CTN	CASE	LIST PRICE-F	PART NO.	CTN	CASE	LIST PRICE-E
1/8					NLBRE-01	50	600	34.25
1/4	2-BRE-02	35	420	34.25	NLBRE-02	35	420	34.25
3/8	2-BRE-03	90	360	34.25	NLBRE-03	90	360	34.25
1/2	2-BRE-05	60	200	38.35	NLBRE-05	50	200	38.35
3/4	2-BRE-07	35	105	66.50	NLBRE-07	35	105	66.50
1	2-BRE-10	20	60	111.24	NLBRE-10	20	60	111.24
1 1/4	2-BRE-12	20	40	141.20	NLBRE-12	20	40	141.20
1 1/2	2-BRE-15	15	30	186.57	NLBRE-15	15	30	186.57
2	2-BRE-20	8	16	344.23	NLBRE-20	8	16	344.23
2 1/2					NLBRE-25	12		695.46
3					NLBRE-30	8		1261.28
4					NLBRE-40	2		2521.53

45° ELBOWS

1/8					NLBRE4-01	50	600	37.27
1/4					NLBRE4-02	30	360	37.27
3/8					NLBRE4-03	75	300	37.27
1/2					NLBRE4-05	50	200	40.28
3/4	2-BRE4-07	40	120	60.94	NLBRE4-07	40	120	60.94
1	2-BRE4-10	20	60	103.31	NLBRE4-10	20	60	103.31
1 1/4					NLBRE4-12	20	40	164.07
1 1/2					NLBRE4-15	10	30	206.13
2	2-BRE4-20	12	24	334.71	NLBRE4-20	12	24	334.71
2 1/2					NLBRE4-25	12		733.94
3					NLBRE4-30	10		1357.76
4					NLBRE4-40	2	4	3035.26

90° STREET ELBOWS

1/8					NLBRSE-01	60	720	45.28
1/4	2-BRSE-02	35	420	45.28	NLBRSE-02	35	420	45.28
3/8					NLBRSE-03	60	240	45.28
1/2	2-BRSE-05	60	180	55.92	NLBRSE-05	60	180	55.92
3/4	2-BRSE-07	35	105	66.78	NLBRSE-07	35	105	66.78
1	2-BRSE-10	45	90	109.52	NLBRSE-10	45	90	109.52
1 1/4	2-BRSE-12	25	50	199.99	NLBRSE-12	25	50	199.99
1 1/2	2-BRSE-15	9	27	218.11	NLBRSE-15	9	27	218.11
2	2-BRSE-20	8	16	369.89	NLBRSE-20	8	16	369.89
2 1/2					NLBRSE-25	5	10	770.65
3					NLBRSE-30	8		1593.72
4					NLBRSE-40	4		3918.63

45° STREET ELBOWS

1/8	2-BRSE4-01	70	840	50.77	NLBRSE4-01	70	840	50.77
1/4	2-BRSE4-02	40	480	50.77	NLBRSE4-02	40	480	50.77
3/8					NLBRSE4-03	100	400	50.77
1/2					NLBRSE4-05	75	225	54.80
3/4					NLBRSE4-07	40	120	78.76
1					NLBRSE4-10	25	75	133.49
1 1/4					NLBRSE4-12	10	40	206.13
1 1/2					NLBRSE4-15	10	30	306.32
2					NLBRSE4-20	12	24	478.60

CAST BRONZE THREADED PIPE FITTINGS - 125 LBS (cont'd)

Bronze Fittings
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SIZE	PART NO.	CTN	CASE	LIST PRICE-F	PART NO.	CTN	CASE	LIST PRICE-E
REDUCING 90° ELBOWS								
3/8 x 1/8					NLBRRE-0301	105	420	53.69
1/2 x 1/4					NLBRRE-0502	60	240	58.00
1/2 x 3/8					NLBRRE-0503	60	240	58.00
3/4 x 3/8					NLBRRE-0703	40	160	78.96
3/4 x 1/2	2-BRRE-0705	40	160	78.96	NLBRRE-0705	40	160	78.96
1 x 1/2					NLBRRE-1005	25	100	137.83
1 x 3/4	2-BRRE-1007	50	100	137.83	NLBRRE-1007	50	100	137.83
1 1/4 x 1/2					NLBRRE-1205	20	80	209.50
1 1/4 x 3/4					NLBRRE-1207	15	60	209.50
1 1/4 x 1	2-BRRE-1210	10	40	209.50	NLBRRE-1210	10	40	209.50
1 1/2 x 3/4					NLBRRE-1507	10	40	267.26
1 1/2 x 1					NLBRRE-1510	10	40	267.26
1 1/2 x 1 1/4					NLBRRE-1512	15	30	267.26
2 x 1/2					NLBRRE-2005	10	40	476.01
2 x 3/4					NLBRRE-2007	9	36	476.01
2 x 1					NLBRRE-2010	14	28	476.01
2 x 1 1/4					NLBRRE-2012	25		476.01
2 x 1 1/2					NLBRRE-2015	10	20	476.01
2 1/2 x 1 1/2					NLBRRE-2515	16		975.05
2 1/2 x 2					NLBRRE-2520	6	12	975.05
3 x 2					NLBRRE-3020	4	8	2097.00

TEES								
1/8					NLBRT-01	120	480	41.03
1/4	2-BRT-02	75	300	39.53	NLBRT-02	75	300	39.53
3/8					NLBRT-03	45	180	41.03
1/2	2-BRT-05	40	120	56.14	NLBRT-05	40	120	56.14
3/4	2-BRT-07	35	70	88.65	NLBRT-07	35	70	88.65
1	2-BRT-10	20	40	146.64	NLBRT-10	20	40	146.64
1 1/4	2-BRT-12	14	28	187.91	NLBRT-12	14	28	187.91
1 1/2	2-BRT-15	12	24	292.31	NLBRT-15	12	24	292.31
2	2-BRT-20	8	16	417.84	NLBRT-20	8	16	417.84
2 1/2					NLBRT-25	4	8	922.91
3					NLBRT-30	6		1693.26
4					NLBRT-40	2		4204.59

LOCKNUTS								
1/4	2-BRLN-02	25	1400	22.55				
3/8	2-BRLN-03	25	1400	22.55				
1/2	2-BRLN-05	25	450	24.27				
3/4	2-BRLN-07	25	300	30.58				
1	2-BRLN-10	8	200	50.38				
1 1/4	2-BRLN-12	10	160	73.96				
1 1/2	2-BRLN-15	25	100	95.94				
2	2-BRLN-20	10	80	133.49				

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CAST BRONZE THREADED PIPE FITTINGS - 125 LBS (cont'd)

Bronze Fittings
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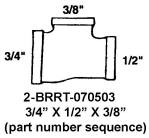
SIZE	PART NO.	CTN	CASE	LIST PRICE-F	PART NO.	CTN	CASE	LIST PRICE-E
REDUCING TEES								
1/4 x 1/4 x 1/8					NLBRRT-020201	125	500	66.99
1/2 x 1/2 x 1/4					NLBRRT-050502	40	160	72.36
1/2 x 1/2 x 3/8					NLBRRT-050503	40	160	72.36
1/2 x 1/2 x 3/4					NLBRRT-050507-2	30	120	89.10
3/4 x 1/2 x 1/2					NLBRRT-070505-2	25	100	97.74
3/4 x 1/2 x 3/4					NLBRRT-070507	20	80	98.48
3/4 x 3/4 x 1/4					NLBRRT-070702	25	100	89.10
3/4 x 3/4 x 3/8					NLBRRT-070703	55	110	89.10
3/4 x 3/4 x 1/2	2-BRRT-070705	20	80	89.10	NLBRRT-070705	20	80	89.10
3/4 x 3/4 x 1	2-BRRT-070710-2	40	80	202.28	NLBRRT-070710-2	40	80	202.28
1 x 1/2 x 1/2					NLBRRT-100505-2	15	60	205.61
1 x 1/2 x 3/4					NLBRRT-100507-2	70		205.61
1 x 1/2 x 1					NLBRRT-100510	15	60	205.61
1 x 3/4 x 3/4					NLBRRT-100707-2	15	60	202.28
1 x 3/4 x 1					NLBRRT-100710	30	60	202.28
1 x 1 x 1/4					NLBRRT-101002	11	44	202.28
1 x 1 x 3/8					NLBRRT-101003	15	60	202.28
1 x 1 x 1/2	2-BRRT-101005	15	60	202.28	NLBRRT-101005	15	60	202.28
1 x 1 x 3/4	2-BRRT-101007	12	48	202.28	NLBRRT-101007	12	48	202.28
1 1/4 x 1 1/4 x 1/2					NLBRRT-121205	20	40	288.96
1 1/4 x 1 1/4 x 3/4	2-BRRT-121207	20	40	288.96	NLBRRT-121207	20	40	288.96
1 1/4 x 1 1/4 x 1					NLBRRT-121210	20	40	288.96
1 1/2 x 1 1/2 x 1/2					NLBRRT-151505	18	36	389.24
1 1/2 x 1 1/2 x 3/4					NLBRRT-151507	15	30	389.24
1 1/2 x 1 1/2 x 1					NLBRRT-151510	10	30	389.24
1 1/2 x 1 1/2 x 1 1/4					NLBRRT-151512	12	24	389.24
2 x 2 x 1/2					NLBRRT-202005	10	20	651.21
2 x 2 x 3/4	2-BRRT-202007	10	20	651.21	NLBRRT-202007	10	20	651.21
2 x 2 x 1	2-BRRT-202010	10	20	651.21	NLBRRT-202010	10	20	651.21
2 x 2 x 1 1/4	2-BRRT-202012	8	16	651.21	NLBRRT-202012	8	16	651.21
2 x 2 x 1 1/2					NLBRRT-202015	8	16	651.21
PLUGS								
Note: 1/8" , 1/4" & 3/8" Plugs are solid								
1/8					NLBRP-01	400	4800	28.30
1/4					NLBRP-02	150	1800	28.30
3/8					NLBRP-03	120	1440	28.30
1/2	2-BRP-05	50	600	25.48	NLBRP-05	50	600	25.48
3/4	2-BRP-07	30	360	35.56	NLBRP-07	30	360	35.56
1	2-BRP-10	20	240	49.59	NLBRP-10	20	240	49.59
1 1/4	2-BRP-12	40	120	66.21	NLBRP-12	40	120	66.21
1 1/2	2-BRP-15	30	90	106.37	NLBRP-15	30	90	106.37
2	2-BRP-20	20	60	139.41	NLBRP-20	20	60	139.41
2 1/2					NLBRP-25	16	32	273.58
3					NLBRP-30	16	32	519.21
4					NLBRP-40	6	12	991.58
SOLID PLUGS								
1/2	2-BRPS-05	50	600	30.58	NLBRPS-05	50	600	30.58
3/4	2-BRPS-07	35	420	48.47	NLBRPS-07	35	420	48.47
1	2-BRPS-10	20	240	76.99	NLBRPS-10	20	240	76.99
1 1/4					NLBRPS-12	30	120	169.52
1 1/2					NLBRPS-15	30	90	193.09
2					NLBRPS-20	10	60	306.46



2-BRRT-070503
3/4" X 1/2" X 3/8"
(part number sequence)

CAST BRONZE THREADED PIPE FITTINGS - 125 LBS (cont'd)

Bronze Fittings

• Not for Conveying Potable Water

No Lead Bronze Fittings

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NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

UNIONS

CAST BRONZE TO CAST BRONZE SEAT

SIZE	PART NO.	CTN	CASE	LIST PRICE-F	PART NO.	CTN	CASE	LIST PRICE-E
1/8					NLBRU-01	60	240	104.78
1/4	2-BRU-02	20	240	104.78	NLBRU-02	20	240	104.78
3/8	2-BRU-03	40	160	104.78	NLBRU-03	40	160	104.78
1/2	2-BRU-05	50	100	115.03	NLBRU-05	50	100	115.03
3/4	2-BRU-07	35	70	133.49	NLBRU-07	35	70	133.49
1	2-BRU-10	20	40	209.11	NLBRU-10	20	40	209.11
1 1/4	2-BRU-12	15	30	306.57	NLBRU-12	15	30	306.57
1 1/2	2-BRU-15	10	20	335.38	NLBRU-15	10	20	335.38
2	2-BRU-20	6	12	566.59	NLBRU-20	6	12	566.59
2 1/2					NLBRU-25	4	8	1389.39
3					NLBRU-30	4	8	2579.25
4					NLBRU-40	2	4	5745.55

COUPLINGS

SIZE	PART NO.	CTN	CASE	LIST PRICE-F	PART NO.	CTN	CASE	LIST PRICE-E
1/8					NLBRC-01	70	840	28.30
1/4	2-BRC-02	40	480	28.30	NLBRC-02	40	480	28.30
3/8	2-BRC-03	40	480	28.30	NLBRC-03	40	480	28.30
1/2	2-BRC-05	60	240	36.94	NLBRC-05	60	240	36.94
3/4	2-BRC-07	50	150	50.77	NLBRC-07	50	150	50.77
1	2-BRC-10	25	100	85.22	NLBRC-10	25	100	85.22
1 1/4	2-BRC-12	16	64	121.23	NLBRC-12	16	64	121.23
1 1/2	2-BRC-15	18	36	157.92	NLBRC-15	18	36	157.92
2	2-BRC-20	12	24	260.56	NLBRC-20	12	24	260.56
2 1/2					NLBRC-25	8	16	490.55
3					NLBRC-30	12		812.70
4					NLBRC-40	6		1677.57

CROSSES

SIZE	PART NO.	CTN	CASE	LIST PRICE-F	PART NO.	CTN	CASE	LIST PRICE-E
1/4					NLBRCR-02	60	240	75.09
3/8					NLBRCR-03	50	150	75.09
1/2					NLBRCR-05	30	90	100.39
3/4					NLBRCR-07	20	60	143.01
1					NLBRCR-10	15	30	229.63
1 1/4					NLBRCR-12	10	20	388.87
1 1/2					NLBRCR-15	8	16	515.09
2					NLBRCR-20	5	10	1056.00

CAPS

SIZE	PART NO.	CTN	CASE	LIST PRICE-F	PART NO.	CTN	CASE	LIST PRICE-E
1/8					NLBRCA-01	120	1440	23.24
1/4					NLBRCA-02	80	960	23.24
3/8					NLBRCA-03	60	720	23.24
1/2	2-BRCA-05	75	300	29.55	NLBRCA-05	75	300	29.55
3/4	2-BRCA-07	40	160	39.16	NLBRCA-07	40	160	39.16
1	2-BRCA-10	25	100	55.09	NLBRCA-10	25	100	55.09
1 1/4	2-BRCA-12	20	80	96.99	NLBRCA-12	20	80	96.99
1 1/2	2-BRCA-15	18	54	127.36	NLBRCA-15	18	54	127.36
2	2-BRCA-20	12	36	218.00	NLBRCA-20	12	36	218.00
2 1/2					NLBRCA-25	20	40	462.72
3					NLBRCA-30	24		854.50
4					NLBRCA-40	6	12	1635.65

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CAST BRONZE THREADED PIPE FITTINGS - 125 LBS (cont'd)

Bronze Fittings
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REDUCING COUPLINGS

SIZE	PART NO.	CTN	CASE	LIST PRICE-F	PART NO.	CTN	CASE	LIST PRICE-E
1/4 x 1/8					NLBRRC-0201	50	600	33.56
3/8 x 1/8					NLBRRC-0301	35	420	33.56
3/8 x 1/4					NLBRRC-0302	30	360	33.56
1/2 x 1/8					NLBRRC-0501-3	75	300	48.76
1/2 x 1/4					NLBRRC-0502	75	300	36.31
1/2 x 3/8	2-BRRC-0503	60	240	36.31	NLBRRC-0503	60	240	36.31
3/4 x 1/4					NLBRRC-0702-3	45	180	66.78
3/4 x 3/8					NLBRRC-0703	45	180	48.76
3/4 x 1/2	2-BRRC-0705	60	180	48.76	NLBRRC-0705	60	180	48.76
1 x 3/8					NLBRRC-1003-3	30	120	106.70
1 x 1/2	2-BRRC-1005	30	120	106.70	NLBRRC-1005	30	120	106.70
1 x 3/4	2-BRRC-1007	25	100	106.70	NLBRRC-1007	25	100	106.70
1 1/4 x 1/2					NLBRRC-1205-3	25	75	175.74
1 1/4 x 3/4	2-BRRC-1207	25	75	157.92	NLBRRC-1207	25	75	157.92
1 1/4 x 1	2-BRRC-1210	15	60	157.92	NLBRRC-1210	15	60	157.92
1 1/2 x 1/2					NLBRRC-1505-3	20	60	218.20
1 1/2 x 3/4					NLBRRC-1507-3	15	60	218.20
1 1/2 x 1	2-BRRC-1510	25	50	199.99	NLBRRC-1510	25	50	199.99
1 1/2 x 1 1/4	2-BRRC-1512	12	48	199.99	NLBRRC-1512	12	48	199.99
2 x 1/2					NLBRRC-2005-3	12	36	327.15
2 x 3/4					NLBRRC-2007-3	12	36	327.15
2 x 1	2-BRRC-2010-3	12	36	327.15	NLBRRC-2010-3	12	36	327.15
2 x 1 1/4	2-BRRC-2012	9	27	309.52	NLBRRC-2012	9	27	309.52
2 x 1 1/2	2-BRRC-2015	9	27	309.52	NLBRRC-2015	9	27	309.52
2 1/2 x 1 1/2					NLBRRC-2515	7	14	603.10
2 1/2 x 2					NLBRRC-2520	7	14	603.10
3 x 2					NLBRRC-3020	6	12	1076.14
3 x 2 1/2					NLBRRC-3025	5	10	1076.14
4 x 3					NLBRRC-4030	3	6	2579.08

FLOOR FLANGES

1/2	2-BRFF-05	16	64	102.23				
3/4	2-BRFF-07	15	45	139.41				
1	2-BRFF-10	10	40	227.56				
1 1/4	2-BRFF-12	20	40	260.11				
1 1/2	2-BRFF-15	20	40	399.87				
2	2-BRFF-20			532.18				

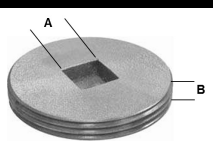
THREADED COMPANION FLANGES - 150 LBS

PART NO. DIS. CODE-F	QUANTITY CTN	QUANTITY CASE	PART NO. DIS. CODE-E	QUANTITY CTN	QUANTITY CASE	PIPE SIZE (FPT)	DIAM. OF FLANGE	NO. OF HOLES	LIST PRICE
2-BRCF-05	15	60	NLBRCF-05	15	60	1/2"	3 2/5"	4	516.10
2-BRCF-07	15	60	NLBRCF-07	15	60	3/4"	3 4/5"	4	536.79
2-BRCF-10	15	30	NLBRCF-10	15	30	1"	4 1/4"	4	614.23
2-BRCF-12	15	30	NLBRCF-12	15	30	1 1/4"	4 3/5"	4	717.38
2-BRCF-15	15		NLBRCF-15	15	15	1 1/2"	5"	4	887.56
2-BRCF-20	10	20	NLBRCF-20	10	20	2"	6"	4	1114.78
2-BRCF-25	5	10	NLBRCF-25	5	10	2 1/2"	7"	4	1715.37
2-BRCF-30	4	8	NLBRCF-30	4	8	3"	7 1/2"	4	2678.24
2-BRCF-40	3	6	NLBRCF-40	3	6	4"	9"	8	3831.89

BRASS CLEANOUT PLUGS

• Cast Brass • Countersunk square head socket

PART NO.	SIZE	DESCRIPTION	DIMENSIONS A, IN	DIMENSIONS B, IN	WGT -lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BRCPCS-40	4"	Countersunk Socket	1.15	0.46	0.68	10	80	11.40
BRCPCS-60	6"	Countersunk Socket	1.20	0.56	1.54	10	40	31.59



* Other sizes and raised square head model are available, minimum order quantities may apply; contact your Inside Sales Representative for information.

NO LEAD CAST BRONZE DROP EAR ELBOWS

PART NO.	DESCRIPTION	QUANTITY CTN	QUANTITY CASE	CASE WGT - lbs	LIST PRICE-A
BRDECC-05NL	1/2" C x 1/2" C Bronze Dropear	25	200	33.33	4.11
BRDECF-05NL	1/2" C x 1/2" F Bronze Dropear	25	200	37.40	4.83
BRECF-05NL	1/2" C x 1/2" F Bronze Solder	25	200	30.80	5.32
BRECF-0507NL	1/2" C x 3/4" F Bronze Solder	25	200	25.26	8.29
BRECF-07NL	3/4" C x 3/4" F Bronze Solder	25	100	24.20	9.68
BRECF-0705NL	3/4" C x 1/2" F Bronze Solder	25	200	37.40	7.76
BRECF-10NL	1" C X 1" FPT Bronze Solder	10	120		14.58
BRDEPF-05NL	1/2" Pex x 1/2" F Bronze Dropear	25	200		5.75

BRDECF-05NL

BRDECC-05NL

BRECF-05NL

BRDEPF-05NL

NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

NO LEAD CAST BRONZE SOLDER FITTINGS

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BASEBOARD TEE				
BSF-CBT070107NL	3/4" x 1/8" x 3/4"	25	300	5.92
CAST BRONZE SOLDER TEE				
BSF-CCFT05NL	1/2" C x C x F	25	300	6.26
BSF-CCFT070705NL	3/4" x 3/4" x 1/2" CCF	25	150	11.41
BSF-CCFT07NL	3/4" C x C x F	25	150	11.13
BSF-CCFT101005NL	1" X 1" X 1/2" CCF	8	80	10.43
BSF-CCFT101007NL	1" x 1" x 3/4" CCF	8	80	12.15
BSF-CCFT10NL	1" C x C x F	8	80	24.64
BSF-CCFT121207NL	1-1/4" x 1-1/4" x 3/4" CCF	6	60	22.38
BSF-CCFT151507NL	1-1/2" x 1-1/2" x 3/4" CCF	10	60	34.06
BSF-CFCT05NL	1/2" C x F x C	25	150	6.09
BSF-CFCT070507NL	3/4" x 1/2" x 3/4" CFC	25	150	8.31
BSF-CFCT07NL	3/4" C x F x C	25	150	9.48
BSF-CFCT100510NL	1" x 1/2" x 1" CFC	25	150	20.76
BSF-CFCT100710NL	1" x 3/4" x 1" CFC	8	80	20.33
BSF-CFCT120512NL	1 1/4" x 1/2" x 1 1/4" CFC	10	60	25.96
BSF-CFCT120712NL	1 1/4" x 3/4" x 1 1/4" CFC	10	60	25.94
BSF-CFCT200720NL	2" x 3/4" x 2" CFC	3	36	61.62
CAST BRONZE SOLDER ELBOWS 90°				
BSF-CME05NL	1/2" C x M	25	300	4.14
BSF-CME07NL	3/4" C x M	25	300	6.61
BSF-CME10NL	1" C X M	10	120	11.34

BSF-CCFT10NL

BSF-CBT070107NL

BSF-CCFT121207NL

BSF-CME05NL

BSF-CFCT100510NL

BSF-CFCT200720NL

BSF-CFCT07NL

BSF-FFCT070705NL

BRASS READY CUT PIPE

Size	18"	24"	30"	36"	48"
1/2"	184.51	246.00	321.22	368.99	
Part#	05180	05240	05300	05360	
3/4"	238.66	318.19	397.74	477.31	
Part#	07180	07240	07300	07360	
1"	357.78	477.05	596.31	715.58	
Part#	10180	10240	10300	10360	
1 1/4"	501.02	667.99	960.20	1002.01	
Part#	12180	12240	12300	12360	
1 1/2"	627.80	837.05	1046.33	1255.60	
Part#	15180	15240	15300	15360	
2"	810.45	1080.57	1350.72	1620.86	2161.15
Part#	20180	20240	20300	20360	20480

- LIST PRICE PER UNIT
- PRICE CODE B
- When ordering Brass Ready Cut Pipe, Part No. start with BRRCP-

Not Exactly As Shown

NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

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STANDARD DUTY RED BRASS NIPPLES

• Nipple Specification ASTM B687 • Material Specification ASTM B43 • Thread Specification ANSI B.1.20.1
• LIST PRICE PER UNIT • PRICE CODE - B • When ordering Red Brass Nipples, Part No. starts with **BRN-**
• CRN Number for Red Brass Nipples - Contact Boshart Industries for more information. • Third Party Certified to NSF/ANSI 61 and NSF/ANSI 372

Size	Length																	
	Close	Close	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	3/4"	18.71	21.49	23.56	26.76	28.93	31.63	34.63	37.19	39.74	42.67	45.89	64.72	71.22	78.52	85.91		100.52
	Part#	01	0115	0120	0125	0130	0135	0140	0145	0150	0155	0160	0170	0180	0190	01100		01120
1/4"	7/8"	21.49	24.39	27.70	31.63	34.95	39.99	44.30	49.99	53.97	57.82	62.25		95.76	106.39	116.90		137.93
	Part#	02	0215	0220	0225	0230	0235	0240	0245	0250	0255	0260		0280	0290	02100		02120
3/8"	1"	23.41	26.01	31.38	36.86	41.49	48.81	53.97	60.64	66.21	71.24	76.95		118.24		140.88		166.68
	Part#	03	0315	0320	0325	0330	0335	0340	0345	0350	0355	0360		0380		03100		03120
1/2"	1 1/8"	27.70	32.68	39.74	47.21	54.37	64.49	72.44	79.55	86.94	95.23	102.42	136.28	145.12	169.49	187.06		222.15
	Part#	05	0515	0520	0525	0530	0535	0540	0545	0550	0555	0560	0570	0580	0590	05100		05120
3/4"	1 3/8"	40.51	42.67	51.70	60.64	68.90	79.02	89.22	94.16	108.66	121.38	135.13	178.19	200.15		244.00	266.71	290.71
	Part#	07	0715	0720	0725	0730	0735	0740	0745	0750	0755	0760	0770	0780		07100	07110	07120
1"	1 1/2"	62.11		74.16	87.91	99.43	117.37	131.23	144.99	157.56	174.13	188.11	248.70	272.04	314.90	347.99	381.24	414.40
	Part#	10		1020	1025	1030	1035	1040	1045	1050	1055	1060	1070	1080	1090	10100	10110	10120
1 1/4"	1 5/8"	91.45		104.45	125.56	146.72	171.95	193.15	214.43	235.50	257.32	278.50		412.21	461.09	510.01		607.98
	Part#	12		1220	1225	1230	1235	1240	1245	1250	1255	1260		1280	1290	12100		12120
1 1/2"	1 3/4"	113.51		123.19	149.49	169.60	199.27	224.31	250.22	275.37	299.79	324.37		487.52		604.06		720.67
	Part#	15		1520	1525	1530	1535	1540	1545	1550	1555	1560		1580		15100		15120
2"	2"	174.13			192.17	218.95	256.14	288.05	319.23	348.01	383.71	415.45	554.67	629.74	704.90	780.01		930.37
	Part#	20			2025	2030	2035	2040	2045	2050	2055	2060	2070	2080	2090	20100		20120
2 1/2"	2 1/2"	465.18				494.21	566.66	625.23	661.56	719.15	774.32	832.91		1258.32		1536.16		1814.33
	Part#	25				2530	2535	2540	2545	2550	2555	2560		2580		25100		25120
3"	2 5/8"	655.73				685.64	783.44	871.37	957.65	1043.87	1130.39	1216.79		1830.60		2238.05		2646.02
	Part#	30				3030	3035	3040	3045	3050	3055	3060		3080		30100		30120
4"	2 7/8"	973.46					1161.66	1287.34	1420.84	1554.29		1813.45		2119.28				3829.32
	Part#	40					4035	4040	4045	4050		4060		4080				40120
		Close	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"

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304 & 316 HEAVY PATTERN STAINLESS STEEL FITTINGS - MSS SP114 - 150 LBS

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

STANDARD SPECIFICATION:

MATERIALS:	ASTM A351	Standard Specification for Castings, Austenitic
DIMENSIONS:	MSS SP114	Corrosion Resistant Fittings - Threaded Class 150
	ANSI B16.14	Plugs & Bushings
	ANSI B16.39	Unions
THREADS:	ANSI/ASME B1.20.1	Pipe Threads, General Purpose
APPROVALS:	NSF/ANSI Standard 372	Drinking Water System Components - Lead Content

- CRN Number for Heavy Pattern Stainless Steel Fittings - Contact Boshart Industries for more information.

BUSHINGS

SIZE	304 S.S. PART NO.	LIST PRICE-D	316 S.S. PART NO.	LIST PRICE-D	QUANTITY CTN	QUANTITY CASE
1/4 x 1/8	SSH304B-0201	**4.28**	SSH316B-0201	**4.55**	200	1200
3/8 x 1/8	SSH304B-0301	**5.29**	SSH316B-0301	**5.58**	150	600
3/8 x 1/4	SSH304B-0302	**5.29**	SSH316B-0302	**6.02**	150	600
1/2 x 1/8	SSH304B-0501-3	**5.51**	SSH316B-0501-3	**5.97**	150	600
1/2 x 1/4	SSH304B-0502	**5.51**	SSH316B-0502	**7.08**	150	600
1/2 x 3/8	SSH304B-0503	**5.47**	SSH316B-0503	**7.31**	150	600
3/4 x 1/8	SSH304B-0701-3	**8.06**	SSH316B-0701-3	**10.41**	50	300
3/4 x 1/4	SSH304B-0702-3	**8.06**	SSH316B-0702-3	**10.41**	50	300
3/4 x 3/8	SSH304B-0703	**8.06**	SSH316B-0703	**10.41**	50	300
3/4 x 1/2	SSH304B-0705	**8.00**	SSH316B-0705	**10.32**	50	300
1 x 1/4	SSH304B-1002-3	**10.81**	SSH316B-1002-3	**14.23**	50	200
1 x 3/8	SSH304B-1003-3	**10.81**	SSH316B-1003-3	**14.23**	50	200
1 x 1/2	SSH304B-1005	**10.74**	SSH316B-1005	**14.26**	50	200
1 x 3/4	SSH304B-1007	**10.64**	SSH316B-1007	**14.30**	50	200
1 1/4 x 1/4	SSH304B-1202-3	**20.19**	SSH316B-1202-3	**22.35**	30	120
1 1/4 x 3/8	SSH304B-1203-3	**20.19**	SSH316B-1203-3	**22.35**	30	120
1 1/4 x 1/2	SSH304B-1205-3	**20.16**	SSH316B-1205-3	**22.25**	30	120
1 1/4 x 3/4	SSH304B-1207	**20.06**	SSH316B-1207	**22.14**	30	120
1 1/4 x 1	SSH304B-1210	**19.35**	SSH316B-1210	**20.13**	30	120
1 1/2 x 1/2	SSH304B-1505-3	**23.15**	SSH316B-1505-3	**26.93**	25	75
1 1/2 x 3/4	SSH304B-1507-3	**22.89**	SSH316B-1507-3	**27.03**	25	75
1 1/2 x 1	SSH304B-1510	**22.69**	SSH316B-1510	**26.65**	25	75
1 1/2 x 1 1/4	SSH304B-1512	**21.88**	SSH316B-1512	**24.64**	25	75
2 x 1/2	SSH304B-2005-3	**33.65**	SSH316B-2005-3	**43.65**	20	60
2 x 3/4	SSH304B-2007-3	**33.53**	SSH316B-2007-3	**43.55**	20	60
2 x 1	SSH304B-2010-3	**33.43**	SSH316B-2010-3	**43.36**	20	60

BUSHINGS continue on next page ...

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304 & 316 HEAVY PATTERN STAINLESS STEEL FITTINGS - MSS SP114 - 150 LBS

SIZE	304 S.S. PART NO.	LIST PRICE-D	316 S.S. PART NO.	LIST PRICE-D	QUANTITY CTN	QUANTITY CASE
BUSHINGS (cont'd)						
2 x 1 1/4	SSH304B-2012	**33.23**	SSH316B-2012	**43.27**	20	60
2 x 1 1/2	SSH304B-2015	**32.82**	SSH316B-2015	42.24	20	60
2 1/2 x 1	SSH304B-2510-3	**59.94**	SSH316B-2510-3	**85.25**	24	Bulk
2 1/2 x 1 1/4	SSH304B-2512-3	**59.39**	SSH316B-2512-3	**84.44**	24	Bulk
2 1/2 x 1 1/2	SSH304B-2515	**58.84**	SSH316B-2515	**83.63**	24	Bulk
2 1/2 x 2	SSH304B-2520	**58.45**	SSH316B-2520	**82.52**	24	Bulk
3 x 2	SSH304B-3020	**84.24**	SSH316B-3020	**106.02**	20	Bulk
3 x 2 1/2	SSH304B-3025	**83.98**	SSH316B-3025	**104.20**	20	Bulk
4 x 2	SSH304B-4020-3	**147.87**	SSH316B-4020-3	**189.88**	10	Bulk
4 x 2 1/2	SSH304B-4025	**145.87**	SSH316B-4025	**188.83**	10	Bulk
4 x 3	SSH304B-4030	**144.66**	SSH316B-4030	**187.39**	10	Bulk

COUPLINGS						
1/8	SSH304C-01	**6.29**	SSH316C-01	**6.60**	120	720
1/4	SSH304C-02	**6.42**	SSH316C-02	**6.73**	120	480
3/8	SSH304C-03	**7.14**	SSH316C-03	**8.04**	50	300
1/2	SSH304C-05	**7.75**	SSH316C-05	**9.91**	60	240
3/4	SSH304C-07	**9.18**	SSH316C-07	**11.85**	50	150
1	SSH304C-10	**16.11**	SSH316C-10	**20.33**	25	75
1 1/4	SSH304C-12	**22.84**	SSH316C-12	**28.70**	32	64
1 1/2	SSH304C-15	**31.11**	SSH316C-15	**39.32**	18	36
2	SSH304C-20	**49.05**	SSH316C-20	**57.00**	12	24
2 1/2	SSH304C-25	**68.84**	SSH316C-25	**92.54**	16	Bulk
3	SSH304C-30	**103.00**	SSH316C-30	**132.17**	12	Bulk
4	SSH304C-40	**174.59**	SSH316C-40	**224.71**	7	Bulk

CAPS						
1/8	SSH304CA-01	**4.39**	SSH316CA-01	**5.72**	200	1200
1/4	SSH304CA-02	**4.69**	SSH316CA-02	**5.87**	200	800
3/8	SSH304CA-03	**4.69**	SSH316CA-03	**6.13**	100	600
1/2	SSH304CA-05	**5.20**	SSH316CA-05	**6.84**	75	300
3/4	SSH304CA-07	**6.63**	SSH316CA-07	**8.99**	60	240
1	SSH304CA-10	**9.79**	SSH316CA-10	**12.56**	35	140
1 1/4	SSH304CA-12	**16.72**	SSH316CA-12	**21.76**	25	100
1 1/2	SSH304CA-15	**18.15**	SSH316CA-15	**22.98**	25	75
2	SSH304CA-20	**26.92**	SSH316CA-20	**33.81**	18	54
2 1/2	SSH304CA-25	**55.89**	SSH316CA-25	**73.65**	30	Bulk
3	SSH304CA-30	**81.99**	SSH316CA-30	**108.17**	20	Bulk
4	SSH304CA-40	**144.51**	SSH316CA-40	**190.09**	14	Bulk

CROSSES						
1/8			SSH316CR-01	**15.69**	80	480
1/4			SSH316CR-02	**17.61**	60	360
3/8			SSH316CR-03	17.67	60	120
1/2	SSH304CR-05	**14.58**	SSH316CR-05	**19.82**	45	90
3/4	SSH304CR-07	**21.82**	SSH316CR-07	**29.21**	30	60
1	SSH304CR-10	**33.04**	SSH316CR-10	**43.31**	16	32
1 1/4	SSH304CR-12	**52.01**	SSH316CR-12	**68.33**	9	18
1 1/2	SSH304CR-15	**68.02**	SSH316CR-15	**89.37**	8	16
2	SSH304CR-20	**107.18**	SSH316CR-20	**142.59**	6	12
2 1/2			SSH316CR-25	**251.68**	5	10

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304 & 316 HEAVY PATTERN STAINLESS STEEL FITTINGS - MSS SP114 - 150 LBS

90° ELBOWS

SIZE	304 S.S. PART NO.	LIST PRICE-D	316 S.S. PART NO.	LIST PRICE-D	QUANTITY CTN	QUANTITY CASE
1/8	SSH304E-01	**5.99**	SSH316E-01	**6.31**	100	600
1/4	SSH304E-02	**7.14**	SSH316E-02	**8.19**	70	420
3/8	SSH304E-03	**7.14**	SSH316E-03	**9.50**	45	270
1/2	SSH304E-05	**7.44**	SSH316E-05	**10.01**	50	200
3/4	SSH304E-07	**11.12**	SSH316E-07	**14.61**	30	90
1	SSH304E-10	**17.13**	SSH316E-10	**21.96**	20	60
1 1/4	SSH304E-12	**27.13**	SSH316E-12	**35.03**	20	40
1 1/2	SSH304E-15	**34.98**	SSH316E-15	**45.56**	10	20
2	SSH304E-20	**53.64**	SSH316E-20	**68.13**	8	16
2 1/2	SSH304E-25	**101.98**	SSH316E-25	**133.81**	15	Bulk
3	SSH304E-30	**140.63**	SSH316E-30	**190.09**	10	Bulk
4	SSH304E-40	**280.15**	SSH316E-40	**378.85**	5	Bulk

45° ELBOWS

1/8	SSH304E4-01	**7.21**	SSH316E4-01	**7.53**	100	600
1/4	SSH304E4-02	**8.06**	SSH316E4-02	**9.68**	70	420
3/8	SSH304E4-03	**8.76**	SSH316E4-03	**11.75**	50	300
1/2	SSH304E4-05	**10.05**	SSH316E4-05	**12.26**	50	200
3/4	SSH304E4-07	**12.26**	SSH316E4-07	**16.04**	40	120
1	SSH304E4-10	**16.62**	SSH316E4-10	**22.37**	20	60
1 1/4	SSH304E4-12	**27.13**	SSH316E4-12	**33.81**	20	40
1 1/2	SSH304E4-15	**34.78**	SSH316E4-15	**44.94**	15	30
2	SSH304E4-20	**51.60**	SSH316E4-20	69.34	9	18
2 1/2	SSH304E4-25	**82.91**	SSH316E4-25	**111.54**	15	Bulk
3	SSH304E4-30	**130.74**	SSH316E4-30	**164.04**	10	Bulk
4	SSH304E4-40	**213.25**	SSH316E4-40	277.74	6	Bulk

LOCKNUT

1/8			SSH316LN-01	**5.41**	100	600
1/4			SSH316LN-02	**5.82**	100	600
3/8	SSH304LN-03	**1.24**	SSH316LN-03	**5.82**	100	600
1/2	SSH304LN-05	**2.29**	SSH316LN-05	**6.91**	100	600
3/4	SSH304LN-07	**2.67**	SSH316LN-07	**8.98**	50	300
1	SSH304LN-10	**5.05**	SSH316LN-10	**12.47**	60	240
1 1/4	SSH304LN-12	**6.10**	SSH316LN-12	**21.05**	60	120
1 1/2	SSH304LN-15	**7.53**	SSH316LN-15	**23.60**	50	100
2	SSH304LN-20	**12.28**	SSH316LN-20	33.34	80	Bulk

MERCHANT COUPLING

Note: Threads are NPT Taper Tapped

1/2			SSH316MC-05	**9.91**	60	240
3/4			SSH316MC-07	**11.85**	50	150
1			SSH316MC-10	**20.33**	25	75
1 1/4			SSH316MC-12	**28.70**	32	64
1 1/2			SSH316MC-15	**39.32**	18	36
2			SSH316MC-20	**57.00**	12	24

PLUGS

Note: Plugs are cored

1/8	SSH304P-01	**3.16**	SSH316P-01	**3.37**	180	1080
1/4	SSH304P-02	**3.90**	SSH316P-02	**4.09**	150	900
3/8	SSH304P-03	**4.90**	SSH316P-03	**6.13**	90	540
1/2	SSH304P-05	**5.10**	SSH316P-05	**5.79**	80	480
3/4	SSH304P-07	**6.63**	SSH316P-07	**8.27**	50	300
1	SSH304P-10	**10.20**	SSH316P-10	**13.18**	40	160
1 1/4	SSH304P-12	**16.32**	SSH316P-12	**20.63**	25	100
1 1/2	SSH304P-15	**17.95**	SSH316P-15	**23.29**	36	72
2	SSH304P-20	**23.76**	SSH316P-20	**31.26**	15	45
2 1/2	SSH304P-25	**39.37**	SSH316P-25	**49.85**	40	Bulk
3	SSH304P-30	**58.84**	SSH316P-30	**73.95**	30	Bulk
4	SSH304P-40	**106.57**	SSH316P-40	**137.28**	8	Bulk

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304 & 316 HEAVY PATTERN STAINLESS STEEL FITTINGS - MSS SP114 - 150 LBS

SIZE	304 S.S. PART NO.	LIST PRICE-D	316 S.S. PART NO.	LIST PRICE-D	QUANTITY CTN	QUANTITY CASE
90° ST ELBOWS						
1/8	SSH304SE-01	**4.78**	SSH316SE-01	**4.99**	100	600
1/4	SSH304SE-02	**7.55**	SSH316SE-02	**7.92**	70	420
3/8	SSH304SE-03	**7.55**	SSH316SE-03	**9.09**	40	240
1/2	SSH304SE-05	**9.18**	SSH316SE-05	**11.13**	60	180
3/4	SSH304SE-07	**13.56**	SSH316SE-07	**17.16**	30	90
1	SSH304SE-10	**19.48**	SSH316SE-10	**24.72**	30	60
1 1/4	SSH304SE-12	**32.63**	SSH316SE-12	**42.18**	20	40
1 1/2	SSH304SE-15	**41.20**	SSH316SE-15	**54.14**	13	26
2	SSH304SE-20	**60.58**	SSH316SE-20	**79.77**	7	14
2 1/2	SSH304SE-25	**94.13**	SSH316SE-25	**128.50**	13	Bulk
3	SSH304SE-30	**151.14**	SSH316SE-30	**203.47**	8	Bulk
4	SSH304SE-40	**271.78**	SSH316SE-40	**361.28**	4	Bulk

REDUCING COUPLINGS						
1/4 x 1/8	SSH304RC-0201	**7.24**	SSH316RC-0201	**8.07**	140	420
3/8 x 1/8	SSH304RC-0301	**7.24**	SSH316RC-0301	**9.19**	120	360
3/8 x 1/4	SSH304RC-0302	**7.24**	SSH316RC-0302	**9.19**	120	360
1/2 x 1/8	SSH304RC-0501-3	**7.70**	SSH316RC-0501-3	**9.74**	100	300
1/2 x 1/4	SSH304RC-0502	**7.70**	SSH316RC-0502	**9.74**	100	300
1/2 x 3/8	SSH304RC-0503	**7.75**	SSH316RC-0503	**9.91**	80	240
3/4 x 1/4	SSH304RC-0702-3	**9.12**	SSH316RC-0702-3	**11.75**	60	180
3/4 x 3/8	SSH304RC-0703	**9.12**	SSH316RC-0703	**11.75**	60	180
3/4 x 1/2	SSH304RC-0705	**9.18**	SSH316RC-0705	**11.85**	60	180
1 x 3/8	SSH304RC-1003-3	**15.80**	SSH316RC-1003-3	**19.96**	60	120
1 x 1/2	SSH304RC-1005	**15.87**	SSH316RC-1005	**20.15**	50	100
1 x 3/4	SSH304RC-1007	**16.11**	SSH316RC-1007	**20.33**	50	100
1 1/4 x 1/2	SSH304RC-1205-3	**22.29**	SSH316RC-1205-3	27.29	40	80
1 1/4 x 3/4	SSH304RC-1207	**22.69**	SSH316RC-1207	**28.37**	40	80
1 1/4 x 1	SSH304RC-1210	**22.84**	SSH316RC-1210	**28.70**	30	60
1 1/2 x 1/2	SSH304RC-1505-3	**30.49**	SSH316RC-1505-3	37.39	30	60
1 1/2 x 3/4	SSH304RC-1507-3	**30.85**	SSH316RC-1507-3	37.39	30	60
1 1/2 x 1	SSH304RC-1510	**30.91**	SSH316RC-1510	**38.40**	25	50
1 1/2 x 1 1/4	SSH304RC-1512	**31.11**	SSH316RC-1512	**39.32**	24	48
2 x 1/2	SSH304RC-2005-3	**48.52**	SSH316RC-2005-3	54.19	21	42
2 x 3/4	SSH304RC-2007-3	**48.73**	SSH316RC-2007-3	**55.49**	21	42
2 x 1	SSH304RC-2010-3	**48.86**	SSH316RC-2010-3	**56.26**	21	42
2 x 1 1/4	SSH304RC-2012	**48.93**	SSH316RC-2012	**56.45**	20	Bulk
2 x 1 1/2	SSH304RC-2015	**49.05**	SSH316RC-2015	**57.00**	20	Bulk
2 1/2 x 1 1/2	SSH304RC-2515	**68.58**	SSH316RC-2515	**91.31**	16	Bulk
2 1/2 x 2	SSH304RC-2520	**68.84**	SSH316RC-2520	**92.54**	16	Bulk
3 x 2	SSH304RC-3020	**102.31**	SSH316RC-3020	**130.95**	12	Bulk
3 x 2 1/2	SSH304RC-3025	**103.00**	SSH316RC-3025	**132.17**	12	Bulk
4 x 2	SSH304RC-4020-3	**173.32**	SSH316RC-4020-3	**222.64**	9	Bulk
4 x 2 1/2	SSH304RC-4025	**174.13**	SSH316RC-4025	**221.15**	9	Bulk
4 x 3	SSH304RC-4030	**174.59**	SSH316RC-4030	**224.71**	9	Bulk

TEES						
1/8	SSH304T-01	**8.87**	SSH316T-01	**10.84**	75	450
1/4	SSH304T-02	**9.22**	SSH316T-02	**11.95**	50	300
3/8	SSH304T-03	**9.38**	SSH316T-03	**12.89**	45	180
1/2	SSH304T-05	**9.89**	SSH316T-05	**13.94**	40	120
3/4	SSH304T-07	**15.60**	SSH316T-07	**20.43**	35	70
1	SSH304T-10	**23.56**	SSH316T-10	**30.85**	20	40
1 1/4	SSH304T-12	**37.33**	SSH316T-12	**48.01**	14	28
1 1/2	SSH304T-15	**48.65**	SSH316T-15	**63.23**	11	22
2	SSH304T-20	**79.44**	SSH316T-20	**103.06**	6	12
2 1/2	SSH304T-25	**117.38**	SSH316T-25	**158.12**	10	Bulk
3	SSH304T-30	**182.65**	SSH316T-30	**252.19**	6	Bulk
4	SSH304T-40	**315.74**	SSH316T-40	**427.57**	4	Bulk

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304 & 316 HEAVY PATTERN STAINLESS STEEL FITTINGS - MSS SP114 - 150 LBS

UNIONS

SIZE	304 S.S. PART NO.	LIST PRICE-D	316 S.S. PART NO.	LIST PRICE-D	QUANTITY CTN	QUANTITY CASE
1/8	SSH304U-01	**16.33**	SSH316U-01	**18.24**	60	360
1/4	SSH304U-02	**16.41**	SSH316U-02	**16.65**	30	180
3/8	SSH304U-03	**19.78**	SSH316U-03	**21.47**	35	140
1/2	SSH304U-05	**21.31**	SSH316U-05	**25.74**	30	120
3/4	SSH304U-07	**28.86**	SSH316U-07	**38.51**	25	75
1	SSH304U-10	**39.87**	SSH316U-10	**53.52**	20	40
1 1/4	SSH304U-12	**57.11**	SSH316U-12	**76.81**	18	36
1 1/2	SSH304U-15	**72.61**	SSH316U-15	97.11	12	24
2	SSH304U-20	**98.52**	SSH316U-20	**128.27**	8	16
2 1/2	SSH304U-25	**160.93**	SSH316U-25	216.85	10	Bulk
3	SSH304U-30	**212.94**	SSH316U-30	283.66	7	Bulk
4	SSH304U-40	**346.54**	SSH316U-40	438.36	5	Bulk

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304 & 316 LIGHT PATTERN STAINLESS STEEL FITTINGS - ISO 4144 - 150 LBS

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

STANDARD SPECIFICATION:

MATERIALS:	ASTM A351	Standard Specification for Castings, Austenitic
DIMENSIONS:	ISO 4144	Pipework - Stainless Steel Fittings
THREADS:	ANSI/ASME B1.20.1	Pipe Threads, General Purpose
APPROVALS:	NSF/ANSI Standard 372	Drinking Water System Components - Lead Content

BUSHINGS

SIZE	304 S.S. PART NO.	LIST PRICE-D	316 S.S. PART NO.	LIST PRICE-D	QUANTITY CTN	QUANTITY CASE
1/4 x 1/8	SS304B-0201	**1.07**	SS316B-0201	**1.33**	200	1200
3/8 x 1/8	SS304B-0301	**1.75**	SS316B-0301	**2.18**	150	600
3/8 x 1/4	SS304B-0302	**1.36**	SS316B-0302	**1.70**	150	600
1/2 x 1/8	SS304B-0501-3	**3.11**	SS316B-0501-3	**3.88**	150	600
1/2 x 1/4	SS304B-0502	**2.63**	SS316B-0502	**3.27**	150	600
1/2 x 3/8	SS304B-0503	**2.24**	SS316B-0503	**2.79**	150	600
3/4 x 1/8	SS304B-0701-3	**4.67**	SS316B-0701-3	**5.82**	50	300
3/4 x 1/4	SS304B-0702-3	**4.57**	SS316B-0702-3	**5.70**	50	300
3/4 x 3/8	SS304B-0703	**4.38**	SS316B-0703	**5.46**	50	300
3/4 x 1/2	SS304B-0705	**3.99**	SS316B-0705	**4.97**	50	300
1 x 1/4	SS304B-1002-3	**7.68**	SS316B-1002-3	**9.58**	50	200
1 x 3/8	SS304B-1003-3	**7.49**	SS316B-1003-3	**9.33**	50	200
1 x 1/2	SS304B-1005	**7.10**	SS316B-1005	**8.85**	50	200
1 x 3/4	SS304B-1007	**6.23**	SS316B-1007	**7.76**	50	200
1 1/4 x 1/4	SS304B-1202-3	**13.23**	SS316B-1202-3	**16.49**	30	120
1 1/4 x 3/8	SS304B-1203-3	**11.77**	SS316B-1203-3	**14.67**	30	120
1 1/4 x 1/2	SS304B-1205-3	**12.16**	SS316B-1205-3	**15.15**	30	120
1 1/4 x 3/4	SS304B-1207	**11.48**	SS316B-1207	**14.31**	30	120
1 1/4 x 1	SS304B-1210	**9.92**	SS316B-1210	**12.37**	30	120
1 1/2 x 1/2	SS304B-1505-3	**16.83**	SS316B-1505-3	**20.97**	25	75
1 1/2 x 3/4	SS304B-1507-3	**16.05**	SS316B-1507-3	**20.00**	25	75
1 1/2 x 1	SS304B-1510	**15.18**	SS316B-1510	**18.91**	25	75
1 1/2 x 1 1/4	SS304B-1512	**11.28**	SS316B-1512	**14.06**	25	75
2 x 1/2	SS304B-2005-3	**27.34**	SS316B-2005-3	**34.07**	20	60
2 x 3/4	SS304B-2007-3	**26.27**	SS316B-2007-3	**32.73**	20	60
2 x 1	SS304B-2010-3	**27.04**	SS316B-2010-3	**33.70**	20	60
2 x 1 1/4	SS304B-2012	**24.42**	SS316B-2012	**30.43**	20	60
2 x 1 1/2	SS304B-2015	**20.92**	SS316B-2015	**26.06**	20	60

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304 & 316 LIGHT PATTERN STAINLESS STEEL FITTINGS - ISO 4144 - 150 LBS

SIZE	304 S.S. PART NO.	LIST PRICE-D	316 S.S PART NO.	LIST PRICE-D	QUANTITY CTN	QUANTITY CASE
COUPLINGS						
1/8	SS304C-01	**1.17**	SS316C-01	**1.45**	120	720
1/4	SS304C-02	**1.46**	SS316C-02	**1.82**	120	480
3/8	SS304C-03	**2.92**	SS316C-03	**3.64**	50	300
1/2	SS304C-05	**4.38**	SS316C-05	**5.46**	60	240
3/4	SS304C-07	**6.03**	SS316C-07	**7.52**	50	150
1	SS304C-10	**9.24**	SS316C-10	**11.52**	25	75
1 1/4	SS304C-12	**16.63**	SS316C-12	**20.73**	32	64
1 1/2	SS304C-15	**18.48**	SS316C-15	**23.03**	18	36
2	SS304C-20	**27.72**	SS316C-20	**34.55**	12	24
MERCHANT COUPLINGS						
Note: Threads are NPT Taper Tapped						
1/2	SS304MC-05	**4.86**			60	240
3/4	SS304MC-07	**8.17**			50	150
1	SS304MC-10	**12.65**			25	75
1 1/4	SS304MC-12	**19.46**			32	64
1 1/2	SS304MC-15	**21.50**			18	36
2	SS304MC-20	**33.17**			12	24
MERCHANT HALF COUPLINGS						
1/2	SS304MHC-05	2.84			120	480
3/4	SS304MHC-07	4.26			100	300
1	SS304MHC-10	6.53			50	150
1 1/4	SS304MHC-12	10.12			64	128
1 1/2	SS304MHC-15	11.16			36	72
2	SS304MHC-20	**17.66**			24	48
CAPS						
1/8	SS304CA-01	**0.40**	SS316CA-01	**0.50**	200	1200
1/4	SS304CA-02	**0.97**	SS316CA-02	**1.21**	200	800
3/8	SS304CA-03	**1.46**	SS316CA-03	**1.82**	100	600
1/2	SS304CA-05	**2.72**	SS316CA-05	**3.39**	75	300
3/4	SS304CA-07	**3.79**	SS316CA-07	**4.73**	60	240
1	SS304CA-10	**6.23**	SS316CA-10	**7.76**	35	140
1 1/4	SS304CA-12	**9.73**	SS316CA-12	**12.12**	25	100
1 1/2	SS304CA-15	**13.62**	SS316CA-15	**16.97**	25	75
2	SS304CA-20	**20.33**	SS316CA-20	**25.34**	18	54
CROSSES						
1/8	SS304CR-01	**11.14**			80	480
1/4	SS304CR-02	**3.60**			60	360
3/8	SS304CR-03	**5.35**			60	120
1/2	SS304CR-05	**9.92**			45	90
3/4	SS304CR-07	**14.11**			30	60
1	SS304CR-10	**22.57**			16	32
1 1/4	SS304CR-12	**31.81**			9	18
1 1/2	SS304CR-15	**43.48**			8	16
2	SS304CR-20	**65.66**			6	12
90° ELBOWS						
1/8	SS304E-01	**1.46**	SS316E-01	**1.82**	100	600
1/4	SS304E-02	**2.53**	SS316E-02	**3.15**	70	420
3/8	SS304E-03	**3.89**	SS316E-03	**4.85**	45	270
1/2	SS304E-05	**5.16**	SS316E-05	**6.43**	50	200
3/4	SS304E-07	**7.98**	SS316E-07	**9.94**	30	90
1	SS304E-10	**11.77**	SS316E-10	**14.67**	20	60
1 1/4	SS304E-12	**18.77**	SS316E-12	**23.40**	20	40
1 1/2	SS304E-15	**25.29**	SS316E-15	**31.52**	10	20
2	SS304E-20	**36.48**	SS316E-20	**45.46**	8	16

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304 & 316 LIGHT PATTERN STAINLESS STEEL FITTINGS - ISO 4144 - 150 LBS

SIZE	304 S.S. PART NO.	LIST PRICE-D	316 S.S PART NO.	LIST PRICE-D	QUANTITY CTN	QUANTITY CASE
45° ELBOWS						
1/8	SS304E4-01	**4.97**	SS316E4-01	**6.19**	100	600
1/4	SS304E4-02	**1.85**	SS316E4-02	**2.30**	70	420
3/8	SS304E4-03	**2.82**	SS316E4-03	**3.52**	50	300
1/2	SS304E4-05	**4.86**	SS316E4-05	**6.06**	50	200
3/4	SS304E4-07	**7.20**	SS316E4-07	**8.97**	40	120
1	SS304E4-10	**12.26**	SS316E4-10	**15.28**	20	60
1 1/4	SS304E4-12	**19.55**	SS316E4-12	**24.37**	20	40
1 1/2	SS304E4-15	**25.19**	SS316E4-15	**31.40**	15	30
2	SS304E4-20	**35.60**	SS316E4-20	**44.37**	9	18

PLUGS						
Note: Plugs are cored						
1/8	SS304P-01	**0.58**	SS316P-01	**0.73**	180	1080
1/4	SS304P-02	**0.78**	SS316P-02	**0.97**	150	900
3/8	SS304P-03	**1.07**	SS316P-03	**1.33**	90	540
1/2	SS304P-05	**2.72**	SS316P-05	**3.39**	80	480
3/4	SS304P-07	**4.09**	SS316P-07	**5.09**	50	300
1	SS304P-10	**5.54**	SS316P-10	**6.91**	40	160
1 1/4	SS304P-12	**10.31**	SS316P-12	**12.85**	25	100
1 1/2	SS304P-15	**11.77**	SS316P-15	**14.67**	36	72
2	SS304P-20	**17.12**	SS316P-20	**21.34**	15	45

90° ST ELBOWS						
1/8	SS304SE-01	**1.46**	SS316SE-01	**1.82**	100	600
1/4	SS304SE-02	**2.33**	SS316SE-02	**2.91**	70	420
3/8	SS304SE-03	**3.60**	SS316SE-03	**4.49**	40	240
1/2	SS304SE-05	**5.74**	SS316SE-05	**7.15**	60	180
3/4	SS304SE-07	**8.46**	SS316SE-07	**10.55**	30	90
1	SS304SE-10	**13.62**	SS316SE-10	**16.97**	30	60
1 1/4	SS304SE-12	**21.60**	SS316SE-12	**26.91**	20	40
1 1/2	SS304SE-15	**28.50**	SS316SE-15	**35.52**	13	26
2	SS304SE-20	**46.50**	SS316SE-20	**57.95**	7	14

REDUCING ELBOWS						
1 1/4 x 1	SS304RE-1210	**19.26**			20	40

REDUCING TEES						
1/2 x 1/2 x 1/4	SS304RT-050502	**6.71**			40	120
3/4 x 1/2 x 3/4	SS304RT-070507	**10.99**			35	70
3/4 x 3/4 x 1/4	SS304RT-070702	**8.76**			35	70
3/4 x 3/4 x 1/2	SS304RT-070705	**9.44**			35	70
1 x 1 x 1/2	SS304RT-101005	**12.74**			20	40
1 x 1 x 3/4	SS304RT-101007	**13.91**			20	40
1 1/4 x 1 1/4 x 3/4	SS304RT-121207	**21.11**			14	28
1 1/4 x 1 1/4 x 1	SS304RT-121210	**24.32**			14	28
1 1/2 x 1 1/2 x 3/4	SS304RT-151507	**23.83**			11	22
1 1/2 x 1 1/2 x 1	SS304RT-151510	**29.67**			11	22
2 x 2 x 3/4	SS304RT-202007	**32.10**			6	12
2 x 2 x 1	SS304RT-202010	**36.09**			6	12

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304 & 316 LIGHT PATTERN STAINLESS STEEL FITTINGS - ISO 4144 - 150 LBS

SIZE	304 S.S. PART NO.	LIST PRICE-D	316 S.S PART NO.	LIST PRICE-D	QUANTITY CTN	QUANTITY CASE
REDUCING COUPLINGS						
1/4 x 1/8	SS304RC-0201	**1.95**	SS316RC-0201	**2.42**	140	420
3/8 x 1/8	SS304RC-0301	**2.72**	SS316RC-0301	**3.39**	120	360
3/8 x 1/4	SS304RC-0302	**2.82**	SS316RC-0302	**3.52**	120	360
1/2 x 1/8	SS304RC-0501-3	**3.21**	SS316RC-0501-3	**4.00**	100	300
1/2 x 1/4	SS304RC-0502	**3.31**	SS316RC-0502	**4.12**	100	300
1/2 x 3/8	SS304RC-0503	**3.60**	SS316RC-0503	**4.49**	80	240
3/4 x 1/4	SS304RC-0702-3	**5.54**	SS316RC-0702-3	**6.91**	60	180
3/4 x 3/8	SS304RC-0703	**5.16**	SS316RC-0703	**6.43**	60	180
3/4 x 1/2	SS304RC-0705	**5.06**	SS316RC-0705	**6.30**	60	180
1 x 3/8	SS304RC-1003-3	**8.37**	SS316RC-1003-3	**10.43**	60	120
1 x 1/2	SS304RC-1005	**7.59**	SS316RC-1005	**9.46**	50	100
1 x 3/4	SS304RC-1007	**7.98**	SS316RC-1007	**9.94**	50	100
1 1/4 x 1/2	SS304RC-1205-3	**12.55**	SS316RC-1205-3	**15.64**	40	80
1 1/4 x 3/4	SS304RC-1207	**12.65**	SS316RC-1207	**15.76**	40	80
1 1/4 x 1	SS304RC-1210	**14.59**	SS316RC-1210	**18.18**	30	60
1 1/2 x 1/2	SS304RC-1505-3	**16.05**	SS316RC-1505-3	**20.00**	30	60
1 1/2 x 3/4	SS304RC-1507-3	**16.05**	SS316RC-1507-3	**20.00**	30	60
1 1/2 x 1	SS304RC-1510	**15.27**	SS316RC-1510	**19.03**	25	50
1 1/2 x 1 1/4	SS304RC-1512	**19.16**	SS316RC-1512	**23.88**	24	48
2 x 1/2	SS304RC-2005-3	**20.04**	SS316RC-2005-3	**24.97**	21	42
2 x 3/4	SS304RC-2007-3	**20.53**	SS316RC-2007-3	**25.58**	21	42
2 x 1	SS304RC-2010-3	**22.67**	SS316RC-2010-3	**28.25**	21	42
2 x 1 1/4	SS304RC-2012	**23.93**	SS316RC-2012	**29.82**	20	Bulk
2 x 1 1/2	SS304RC-2015	**24.22**	SS316RC-2015	**30.19**	20	Bulk
TEES						
1/8	SS304T-01	**2.14**	SS316T-01	**2.67**	75	450
1/4	SS304T-02	**3.79**	SS316T-02	**4.73**	50	300
3/8	SS304T-03	**5.54**	SS316T-03	**6.91**	45	180
1/2	SS304T-05	**7.49**	SS316T-05	**9.33**	40	120
3/4	SS304T-07	**9.53**	SS316T-07	**11.88**	35	70
1	SS304T-10	**15.66**	SS316T-10	**19.52**	20	40
1 1/4	SS304T-12	**25.68**	SS316T-12	**32.00**	14	28
1 1/2	SS304T-15	**34.63**	SS316T-15	**43.16**	11	22
2	SS304T-20	**51.56**	SS316T-20	**64.25**	6	12
UNIONS						
1/8	SS304U-01	**4.77**	SS316U-01	**5.94**	60	360
1/4	SS304U-02	**6.62**	SS316U-02	**8.24**	30	180
3/8	SS304U-03	**9.05**	SS316U-03	**11.27**	35	140
1/2	SS304U-05	**11.19**	SS316U-05	**13.94**	30	120
3/4	SS304U-07	**18.00**	SS316U-07	**22.43**	25	75
1	SS304U-10	**24.13**	SS316U-10	**30.06**	20	40
1 1/4	SS304U-12	**38.04**	SS316U-12	**47.40**	18	36
1 1/2	SS304U-15	**44.36**	SS316U-15	**55.28**	12	24
2	SS304U-20	**73.93**	SS316U-20	**92.13**	8	16

#316 STAINLESS STEEL SCHEDULE 40 NIPPLES

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

STANDARD SPECIFICATION:

MATERIALS: ASTM A312/ASME SA312
DIMENSIONS: ASTM A733
THREADS: ANSI B1.20.1

• LIST PRICE PER UNIT • PRICE CODE - D • When ordering #316 Stainless Steel Nipples, Part No. starts with **SS316N-**

• CRN Number for Stainless Steel Nipples: Contact Boshart Industries for more information

Size	Length Close	Close	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	3/4"	3.79	4.37	4.86	5.35	5.83	6.12	6.61	7.19	7.58	8.17	8.55	9.62	10.50	11.37	12.44	13.42	14.19
	Part#	01	0115	0120	0125	0130	0135	0140	0145	0150	0155	0160	0170	0180	0190	01100	01110	01120
1/4"	7/8"	3.21	3.89	4.47	5.15	5.74	6.22	6.81	7.49	8.07	8.65	9.24	10.60	11.76	13.03	14.29	15.55	16.72
	Part#	02	0215	0220	0225	0230	0235	0240	0245	0250	0255	0260	0270	0280	0290	02100	02110	02120
3/8"	1"	3.89	4.67	5.54	6.32	7.00	7.97	8.55	9.53	10.30	11.08	11.96	13.61	15.26	16.82	13.42	20.32	21.87
	Part#	03	0315	0320	0325	0330	0335	0340	0345	0350	0355	0360	0370	0380	0390	03100	03110	03120
1/2"	1 1/8"	5.25	5.93	6.90	7.97	8.94	10.01	10.99	12.05	13.12	14.19	15.36	18.18	20.32	22.55	24.98	27.12	29.26
	Part#	05	0515	0520	0525	0530	0535	0540	0545	0550	0555	0560	0570	0580	0590	05100	05110	05120
3/4"	1 3/8"	7.00	7.29	8.55	10.01	11.37	12.74	14.10	15.55	16.82	18.47	19.83	23.43	26.25	29.16	32.37	35.39	38.21
	Part#	07	0715	0720	0725	0730	0735	0740	0745	0750	0755	0760	0770	0780	0790	07100	07110	07120
1"	1 1/2"	9.72		11.57	13.80	15.94	18.08	20.12	22.17	24.21	26.54	28.68	33.15	37.43	41.61	46.27	53.47	54.83
	Part#	10		1020	1025	1030	1035	1040	1045	1050	1055	1060	1070	1080	1090	10100	10110	10120
1 1/4"	1 5/8"	13.12		15.07	17.98	20.71	23.33	26.15	28.97	31.79	34.80	37.72	44.23	49.97	55.61	62.02	67.95	73.59
	Part#	12		1220	1225	1230	1235	1240	1245	1250	1255	1260	1270	1280	1290	12100	12110	12120
1 1/2"	1 3/4"	16.33		18.08	21.48	24.79	28.19	31.40	34.90	38.21	41.90	45.40	52.69	59.50	66.30	73.79	80.69	87.69
	Part#	15		1520	1525	1530	1535	1540	1545	1550	1555	1560	1570	1580	1590	15100	15110	15120
2"	2"	24.01			28.00	32.47	37.04	41.51	46.08	50.55	55.61	60.18	69.99	79.13	88.27	98.38	107.71	117.05
	Part#	20			2025	2030	2035	2040	2045	2050	2055	2060	2070	2080	2090	20100	20110	20120
2 1/2"	2 1/2"	47.15				54.34	61.44	68.63	75.73	83.02	90.99	105.96	113.74	128.42	142.91	159.14	173.82	188.60
	Part#	25				2530	2535	2540	2545	2550	2555	2560	2570	2580	2590	25100	25110	25120
3"	2 5/8"	64.94				71.84	81.27	90.60	99.94	109.37	119.96	129.30	155.06	168.77	187.82	208.92	228.16	247.41
	Part#	30				3030	3035	3040	3045	3050	3055	3060	3070	3080	3090	30100	30110	30120
4"	2 7/8"	97.12					113.94	127.16	140.57	153.79	168.77	182.28	211.25	238.47	265.69	295.53	322.95	350.36
	Part#	40					4035	4040	4045	4050	4055	4060	4070	4080	4090	40100	40110	40120
		Close	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"

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Pb NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

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#304 STAINLESS STEEL SCHEDULE 40 NIPPLES

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

• LIST PRICE PER UNIT • PRICE CODE - D • When ordering #304 Stainless Steel Nipples, Part No. starts with **SS304N-**

• CRN Number for Stainless Steel Nipples: Contact Boshart Industries for more information

Size	Length Close	Close	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"
1/8"	3/4"	3.60	4.08	4.47	4.86	5.15	5.54	5.83	6.12	6.61	6.90	7.39	8.17	8.75	9.62	10.40	10.99	11.86
	Part#	01	0115	0120	0125	0130	0135	0140	0145	0150	0155	0160	0170	0180	0190	01100	01110	01120
1/4"	7/8"	2.82	3.40	3.69	4.18	4.57	5.06	5.44	5.83	6.22	6.71	7.19	8.17	8.85	9.82	10.79	11.57	12.44
	Part#	02	0215	0220	0225	0230	0235	0240	0245	0250	0255	0260	0270	0280	0290	02100	02110	02120
3/8"	1"	3.50	3.99	4.57	5.15	5.74	6.12	6.81	7.39	7.97	8.55	9.04	10.40	11.47	12.64	13.90	15.07	16.14
	Part#	03	0315	0320	0325	0330	0335	0340	0345	0350	0355	0360	0370	0380	0390	03100	03110	03120
1/2"	1 1/8"	4.37	4.96	5.64	6.42	7.10	7.87	8.46	9.33	10.11	10.89	11.57	13.32	14.68	16.14	17.89	19.25	20.80
	Part#	05	0515	0520	0525	0530	0535	0540	0545	0550	0555	0560	0570	0580	0590	05100	05110	05120
3/4"	1 3/8"	5.64	5.93	6.90	7.87	8.75	9.82	10.79	11.76	12.74	13.80	14.78	16.82	18.76	20.80	23.04	24.98	26.93
	Part#	07	0715	0720	0725	0730	0735	0740	0745	0750	0755	0760	0770	0780	0790	07100	07110	07120
1"	1 1/2"	7.58		8.94	10.30	11.76	13.12	14.58	15.85	17.40	18.86	20.42	23.33	26.25	29.07	32.37	35.19	38.11
	Part#	10		1020	1025	1030	1035	1040	1045	1050	1055	1060	1070	1080	1090	10100	10110	10120
1 1/4"	1 5/8"	10.01		11.47	13.32	15.26	17.11	19.05	20.90	22.85	24.98	26.93	31.01	34.90	38.79	42.97	46.95	50.84
	Part#	12		1220	1225	1230	1235	1240	1245	1250	1255	1260	1270	1280	1290	12100	12110	12120
1 1/2"	1 3/4"	12.35		13.42	15.75	17.98	20.32	22.55	24.89	27.12	29.65	31.98	36.84	41.41	46.18	51.23	55.80	60.57
	Part#	15		1520	1525	1530	1535	1540	1545	1550	1555	1560	1570	1580	1590	15100	15110	15120
2"	2"	17.30			20.32	23.33	26.35	29.55	32.57	35.58	38.98	42.19	48.70	55.02	61.25	67.95	74.37	80.69
	Part#	20			2025	2030	2035	2040	2045	2050	2055	2060	2070	2080	2090	20100	20110	20120
2 1/2"	2 1/2"	35.09				39.96	44.82	49.68	54.54	59.30	64.84	69.70	80.11	90.02	99.94	110.92	120.84	130.85
	Part#	25				2530	2535	2540	2545	2550	2555	2560	2570	2580	2590	25100	25110	25120
3"	2 5/8"	48.32				52.98	59.30	65.72	71.94	78.36	85.55	91.87	105.77	118.70	131.53	145.73	158.95	171.97
	Part#	30				3030	3035	3040	3045	3050	3055	3060	3070	3080	3090	30100	30110	30120
4"	2 7/8"	71.36					82.63	91.58	100.71	109.66	119.87	129.00	148.64	167.11	185.49	205.80	224.28	242.94
	Part#	40					4035	4040	4045	4050	4055	4060	4070	4080	4090	40100	40110	40120
		Close	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	4 1/2"	5"	5 1/2"	6"	7"	8"	9"	10"	11"	12"

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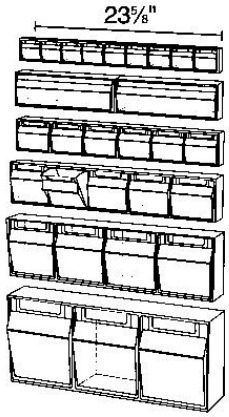
Pb NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

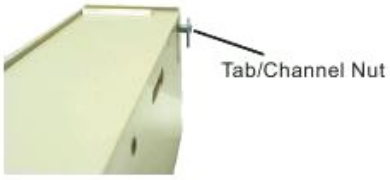
MODULAR TILT BIN SYSTEMS

Create your own custom designed storage system, these modular cabinets are stackable and mountable and easily labelled. Bins can be divided easily with plastic dividers (sold separately) and can also be fitted with locking rods to prevent the bins from opening if units are transported. These popular tip out bins, minimizes the chance of parts getting put back into the wrong bins which is a big problem in displays using open front bins or drawers with multiple dividers.



BINS

PART NO.	BIN UNITS	TAG HOLDER	DIMENSIONS (INS) WIDTH	HEIGHT	DEPTH	QTY	CARTON WG-lbs
Horizontal Bin Units							
MD-TOB6	6	Yes	23-5/8	4-1/2	3-5/8	12	34
MD-TOB5	5	Yes	23-5/8	6-1/2	5-1/4	6	29
MD-TOB4	4	Yes	23-5/8	8-1/8	6-5/8	6	42
MD-TOB3	3	Yes	23-5/8	9-1/2	7-3/4	4	34



These tip out bins are easily fastened to the frames below (sold separately), by sliding the bin units onto the frame from the top until it sits firmly on either the angle iron stop or the bin previously fastened.

WALL MOUNT / FLOOR STAND FRAMES

The wall mount and floor stand frames are made from heavy gauge steel frames which are then painted using a coating process in which the paint is baked on to ensure a superior long lasting finish. These frames can be assembled in a number of configurations to make 24" and 48" single and double sided floor stand units or can be wall mounted or fastened to existing peg board displays. Displays can be custom made to your requirements using any combination of the horizontal tilt bins shown above.

PART NO.

WALL MOUNT FRAME

MD-WMF24

23-3/8" W x 64-1/2" H x 1-1/2" D Channel Frame

FLOOR STAND KIT

MD-FSK24 23-3/8"W x 10-1/2"H x10-3/4"D

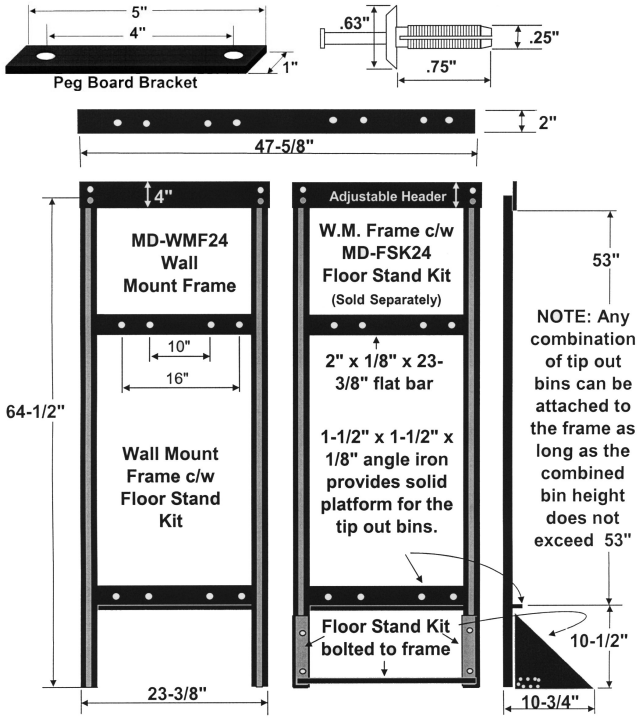
Kit includes (2) triangular end frames, cross bar and hardware

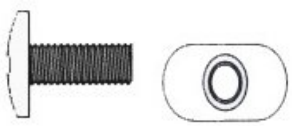
CONNECTOR BAR (48" DISPLAYS ONLY)

MD-FSC48 47-5/8" L x 2" W x1/8" Thick. Steel connector bar used to fasten two 24" frames together for 48" unit

HARDWARE

MD-TOB-MS	1/4" x 3/4" mach. screw (Quantity 1 = 25 pack)
MD-TOB-CN	1/4" tab/channel nuts (Quantity 1 = 25 pack)
MD-PBB	1" x 5" Peg Board Bracket Kit (2 brackets & 4 plastic rivets)
MD-PBR	Plastic Drive Rivet 1/4" Dia. x 3/4" L for MD-PBB (Qty 1 = 10 pack)





CAUTION: For safety reasons it is important that wall mount units be securely fastened to the wall by appropriate fastening systems suited to the material you are mounting the units on. Consult a fastener expert for advice.

For complete ordering information, please call your Inside Sales Representative.

BOSHART INDUSTRIES

3-46
September 25/17
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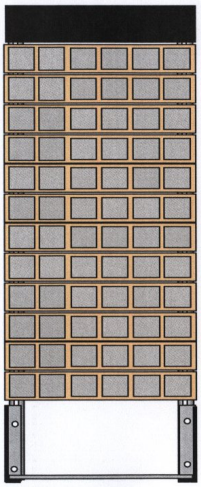
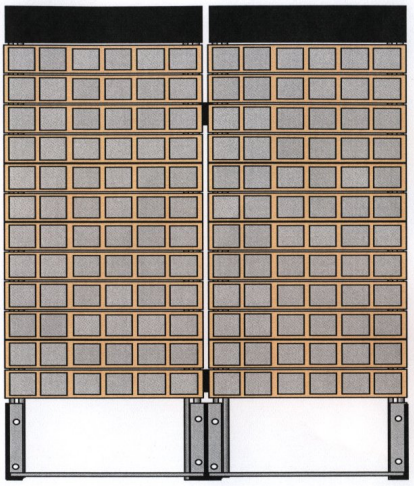
TYPICAL DISPLAY UNITS

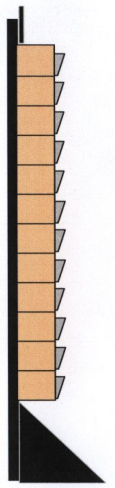
Below are some typical display units, Boshart Industries has both a plumbing kit (24" single sided) and Industrial fitting kit (48" single sided). These are suggestions only. You can build your own custom displays using any configuration of the horizontal tip out bins.



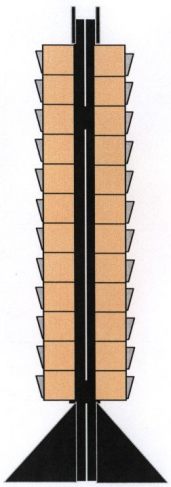
FRONT VIEW
24" SINGLE AND DOUBLE SIDED DISPLAYS



FRONT VIEW
48" SINGLE AND DOUBLE SIDED DISPLAYS



SIDE VIEW
24" & 48"
SINGLE SIDE DISPLAYS



SIDE VIEW
24" & 48"
DOUBLE SIDE DISPLAYS

MD-TOB-MS

MD-TOB-CN

PARTS LIST FOR TYPICAL DISPLAY UNITS

SINGLE SIDED 24" DISPLAY - 72 BINS	SINGLE SIDED 48" DISPLAY - 144 BINS	DOUBLE SIDED 24" DISPLAY - 144 BINS	DOUBLE SIDED 48" DISPLAY - 288 BINS
Parts required	**Parts required**	**Parts required**	**Parts required**
(1) MD-WMF24	(2) MD-WMF24	(2) MD-WMF24	(4) MD-WMF24
(1) MD-FSK24	(2) MD-FSK24	(2) MD-FSK24	(4) MD-FSK24
(12) MD-TOB6	(1) MD-FSC48	(24) MD-TOB6	(1) MD-FSC48
(1) MD-TOB-MS	(24) MD-TOB6	(2) MD-TOB-MS	(48) MD-TOB6
(1) MD-TOB-CN	(2) MD-TOB-MS	(2) MD-TOB-CN	(4) MD-TOB-MS
Width 24"	(2) MD-TOB-CN	Width 24"	(4) MD-TOB-CN
Height 67"	Width 48"	Height 67"	Width 48"
Depth 10-7/8"	Height 67"	Depth 21-7/8"	Height 67"
	Depth 10-7/8"		Depth 21-7/8"

NOTE: All parts are sold separately and shipped unassembled.

FREE STANDING SLIDER CABINET

This system features four individual panels filled with tip out bins of which two are fixed to the back side and two slide easily from left to right allowing free access to all four panels. Manufactured of tough 14 gauge steel with putty powder coat finish. This slider unit can hold up to as many as 336 bins depending on the size of bin selected. Build your own custom display using 9, 6, 5, 4 horizontal bin units. Unit allows for 3 rows (or 3 levels deep) of #4 bins. Larger sized bins will not have sufficient clearance to allow for the front to sliding panes to be moved from side to side.
The unit is shipped "knocked down". The side frames are one piece welded construction, but the cross members must be bolted in to assemble the unit on site.

PART NO.	HEIGHT	WIDTH	DEPTH	COLOUR
FLOOR STAND DISPLAY - SINGLE SIDED				
MD-FSGC48	77"	48"	16"	Ivory

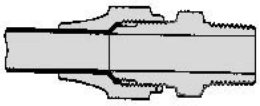
For complete ordering information, please call your Inside Sales Representative.

GENERAL BRASS FITTING INFORMATION

FLARE FITTINGS (BF Model Prefix)

- Suitable for use in the Plumbing and Heating Industries
- Forged fittings generally used for gas, oil, air and water
- Applicable with aluminum, brass, copper and steel tubing
- Two piece assembly, Nut and Body, sold separately
- Can disassemble and reassemble many times with no effect on the seal
- Resistant to mechanical pullout
- Long nuts are recommended for higher vibration applications
- For use in applications with temperature range of -65°F to + 250°F
- All Flare Fittings have a 45° flaring

Tube MPT Pipe



BF SERIES

Tube O.D	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
Thread Size	5/16" -24	3/8" -24	7/16" -20	1/2" -20	5/8" -18	11/16" -16	3/4" -16	7/8" -14	1-1/16" -14	1-1/4" -12	1-3/8" -12

Flare Installation:

1. Cut tube end squarely
2. Position flare nut on tube so threads are facing tube end
3. Flare end of tube
4. Hand tighten assembly and secure with an additional 1/6th (60) turn **CAUTION: DO NOT OVER TIGHTEN!**

COMPRESSION FLARE FITTINGS (BC Model Prefix)

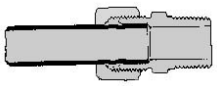
- Suitable for use in low to medium pressure applications
- Minimal preparation work of tube required
- Applicable with aluminum and copper tubing
- Three piece assembly, Nut, Sleeve and Body (Sold completely assembled)
- Short nuts are recommended for use in applications where vibration does not exist
- Long nuts are recommended for additional vibration resistance
- For use in applications with temperature range of -65°F to +250°F

Tube O.D	1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"
Thread Size	5/16" -24	3/8" -24	7/16" -24	1/2" -24	9/16" -24	5/8" -24	11/16" -20	13/16" -18	1" -18	1-1/8" -18	1-1/4" -18

Compression Installation **CAUTION: DO NOT OVER TIGHTEN!**

1. Cut tube end squarely
2. Position nut followed by sleeve on tube so threads are facing tube end
3. Push tube into compression body ensuring it is against the built in stop
4. Hand tighten assembly and secure with an additional 1/2 turn with a wrench after nut begins to take hold or bite.

Tube MPT Pipe



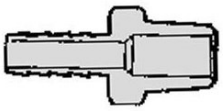
BC SERIES

Standard compression fittings can be used to make connections between Copper, Brass, Aluminum, Plastic, CPVC & Pex tubing. On gasoline, grease, oil, water, vacuum and air lines. **Not recommended for use with steel tubing**. They are designed for use with **tube** manufactured to CTS-OD copper tubing sizes (outside diameter controlled). NOTE: A brass insert must be inserted into Soft Copper, Aluminum, Plastic, CPVC & Pex tubing to put 360° of even pressure on the tubing, to make a round rigid profile that will ensure a tight seal.

HOSE BARB FITTINGS (BH Model Prefix)

- Suitable for use with various hose and tubing
- Check with hose or tube manufacturer to ensure hose barb is suitable for application
- For use in applications with temperature range of -40°F to +160°F

Hose MPT Pipe



BH SERIES

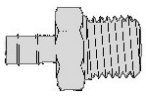
Hose Barb Installation:

1. Cut hose to length
2. Place clamp onto hose
3. Lubricate hose barb
4. Position hose on the barb 1/4" back from hex
5. Tighten Clamp

POLY BARB FITTINGS (BT Model Prefix)

- Suitable for use with polyethylene tubing
- Excellent vibration resistance
- For use in applications with temperature range of -40°F to +135°F

Poly Tube MPT Pipe

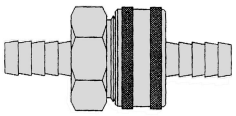


BT SERIES

GARDEN HOSE FITTINGS (BG Model Prefix)

- Suitable for use in commercial or industrial plumbing
- Maximum working pressure 150 psi at 73°F
- Always check the maximum working pressure of the hose

Garden Hose Garden Hose



BG SERIES

BOSHART INDUSTRIES

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164

Fax: 1-519-595-4380 - www.boshart.com

GENERAL BRASS FITTING INFORMATION

Boshart Part Numbering Guide for Size Codes Used On All BF, BC, BH, BT, BG Series Fittings

02	03	04	05	06	07	08	10	12	14	16
1/8"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"

* Code used with all BII Brass Fittings in Section 3. Always use *T*ube Size followed by *P*ipe Size

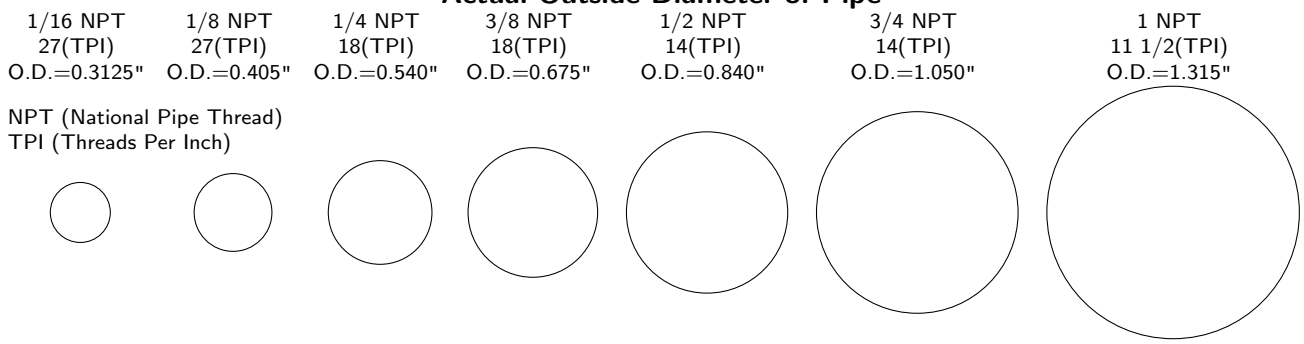
Example:

BF-48-0608

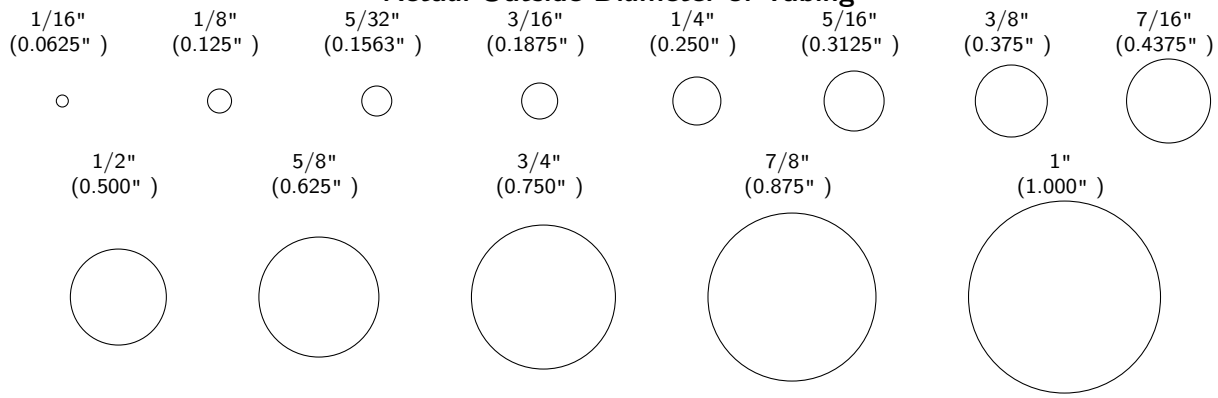
- Pipe Size NPT (08=1/2" NPT)
- Tube Size O.D. (06=3/8")
- Fitting Model/configuration (i.e. Tee, elbow, etc.)
- Fitting Type (i.e. BF - "Flare", BC - "Compression", BG - "Garden", BH - "Barb Hose", BT - "Barb Tee")

Actual Outside Diameter of Pipe

NPT (National Pipe Thread)
TPI (Threads Per Inch)



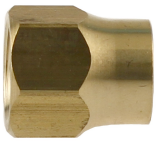
Actual Outside Diameter of Tubing



Fraction	Decimal	mm	Fraction	Decimal	mm	Fraction	Decimal	mm	Fraction	Decimal	mm
1/64"	0.0156	0.396	17/64"	0.2656	6.746	33/64"	0.5164	13.096	49/64"	0.7656	19.446
1/32"	0.0312	0.793	9/32"	0.2812	7.143	17/32"	0.5312	13.493	25/32"	0.7812	19.843
3/64"	0.04680	1.190	19/64"	0.2968	7.540	35/64"	0.5468	13.890	51/64"	0.7968	20.240
1/16"	0.0625	1.587	5/16"	0.3125	7.937	9/16"	0.5625	14.287	13/16"	0.8125	20.637
5/64"	0.0781	1.984	21/64"	0.3281	8.334	37/64"	0.5781	14.684	53/64"	0.8281	21.034
3/32"	0.0937	2.381	11/32"	0.3437	8.731	19/32"	0.5937	15.081	27/32"	0.8437	21.431
7/64"	0.1093	2.778	23/64"	0.3593	9.128	39/64"	0.6093	15.478	55/64"	0.8593	21.828
1/8"	0.1250	3.175	3/8"	0.3750	9.525	5/8"	0.6250	15.875	7/8"	0.8750	22.225
9/64"	0.1406	3.571	25/64"	0.3906	9.921	41/64"	0.6406	16.271	57/64"	0.8906	22.621
5/32"	0.1562	3.968	13/32"	0.4062	10.318	21/32"	0.6562	16.668	29/32"	0.9062	23.018
11/64"	0.1718	4.365	27/64"	0.4218	10.715	43/64"	0.6718	17.065	59/64"	0.9218	23.415
3/16"	0.1875	4.762	7/16"	0.4375	11.112	11/16"	0.6875	17.462	15/16"	0.9375	23.812
13/64"	0.2031	5.159	29/64"	0.4531	11.509	45/64"	0.7031	17.859	61/64"	0.9531	24.209
7/32"	0.2187	5.556	15/32"	0.4687	11.906	23/32"	0.7187	18.256	31/32"	0.9687	24.606
15/64"	0.2343	5.953	31/64"	0.4843	12.303	47/64"	0.7343	18.653	63/64"	0.9843	25.003
1/4"	0.2500	6.350	1/2"	0.5000	12.700	3/4"	0.7500	19.050	1"	1.0000	25.400

FLARE FITTINGS

LONG FORGED FLARE NUT



Use only forged flare nuts on gas and fuel oil installations

Manufactured with C37700 Forged Brass

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-39-04	1/4	25		2.70
BF-39-06	3/8	25	600	3.84
BF-39-08	1/2	25	450	2.27
BF-39-10	5/8	25	300	4.20

SHORT FORGED FLARE NUT

Use only forged flare nuts on gas and fuel oil installations

Manufactured with C37700 Forged Brass

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-40-03	3/16	25		6.97
BF-40-04	1/4	25	1000	0.83
BF-40-05	5/16			4.42
BF-40-06	3/8	25	200	1.26
BF-40-08	1/2	25	500	1.71
BF-40-10	5/8	25	400	2.45
BF-40-12	3/4	10	200	3.60
BF-40-14	7/8	5		17.09

SHORT FORGED REDUCING NUT

Use only forged flare nuts on gas and fuel oil installations

Manufactured with C37700 Forged Brass

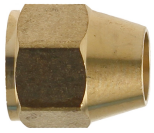
PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-40R-0604	3/8 x 1/4	25		3.01
BF-40R-0806	1/2 x 3/8	25	400	1.90
BF-40R-1006	5/8 x 3/8	25		20.48
BF-40R-1008	5/8 x 1/2	25	300	2.73

LONG MILLED FLARE NUT

Use only forged flare nuts on gas and fuel oil installations

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-41-03	3/16	25		1.56
BF-41-04	1/4	25		1.78
BF-41-05	5/16	25		2.67
BF-41-06	3/8	25		3.83
BF-41-08	1/2	25		5.14
BF-41-10	5/8	25	200	4.76
BF-41-12	3/4	25	100	6.88

SHORT MILLED FLARE NUT



Use only forged flare nuts on gas and fuel oil installations

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-41S-02	1/8	25		1.35
BF-41S-03	3/16	25		0.97
BF-41S-04	1/4	25	500	0.58
BF-41S-05	5/16	25	1000	0.79
BF-41S-06	3/8	25	500	1.01
BF-41S-08	1/2	25	600	1.43
BF-41S-10	5/8	25	400	1.97
BF-41S-12	3/4	5		11.81
BF-41S-14	7/8	5		17.40
BF-41S-16	1	5		32.48

INVERTED FLARE NUT

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-41INB-04	1/4	25		1.08
BF-41INB-05	5/16	25		1.08
BF-41INB-08	1/2	25	500	2.73

HALF UNION - FLARE X MALE PIPE

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-48-0202	1/8 x 1/8	25		1.38
BF-48-0302	3/16 x 1/8	25		1.46
BF-48-0304	3/16 x 1/4	25		4.47
BF-48-0402	1/4 x 1/8	25	800	0.69
BF-48-0404	1/4 x 1/4	25	500	0.90
BF-48-0408	1/4 x 1/2	25	500	2.12
BF-48-0502	5/16 x 1/8	25		2.24

HALF UNION - FLARE X MALE PIPE (cont'd)

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-48-0504	5/16 x 1/4	25		2.37
BF-48-0506	5/16 x 3/8	25	300	1.58
BF-48-0508	5/16 x 1/2	25		16.56
BF-48-0602	3/8 x 1/8	25	500	1.35
BF-48-0604	3/8 x 1/4	25	500	1.34
BF-48-0606	3/8 x 3/8	25	300	1.57
BF-48-0608	3/8 x 1/2	25	250	2.28
BF-48-0612	3/8 x 3/4	5	250	3.82
BF-48-0804	1/2 x 1/4	25	250	1.97
BF-48-0806	1/2 x 3/8	25	250	2.06
BF-48-0808	1/2 x 1/2	25	250	2.41
BF-48-0812	1/2 x 3/4	5	100	3.77
BF-48-1006	5/8 x 3/8	25		7.45
BF-48-1008	5/8 x 1/2	25	250	2.71
BF-48-1012	5/8 x 3/4	25	250	4.14
BF-48-1208	3/4 x 1/2	10	100	4.32
BF-48-1212	3/4 x 3/4	10	150	4.90
BF-48-1408	7/8 x 1/2	25		46.01
BF-48-1412	7/8 x 3/4	10	100	8.30

FEMALE COUPLING - FLARE X FEMALE PIPE

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-46-0402	1/4 x 1/8	25		2.22
BF-46-0404	1/4 x 1/4	25		2.32
BF-46-0406	1/4 x 3/8	25		4.67
BF-46-0408	1/4 x 1/2	25		6.55
BF-46-0504	5/16 x 1/4	25		4.20
BF-46-0602	3/8 x 1/8	25		5.45
BF-46-0604	3/8 x 1/4	25	1000	1.10
BF-46-0606	3/8 x 3/8	25	500	1.61
BF-46-0608	3/8 x 1/2	25	500	1.90
BF-46-0612	3/8 x 3/4	5	250	3.22
BF-46-0806	1/2 x 3/8	25	500	1.90
BF-46-0808	1/2 x 1/2	25	500	2.22
BF-46-0812	1/2 x 3/4	5		6.57
BF-46-1008	5/8 x 1/2	25	300	5.71
BF-46-1012	5/8 x 3/4	5		6.82
BF-46-1212	3/4 x 3/4	5		27.92
BF-46-1412	7/8 x 3/4	5		27.97

UNION COUPLING

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-42-02	1/8	25		6.98
BF-42-04	1/4	25	1000	1.82
BF-42-05	5/16	25		2.74
BF-42-06	3/8	25	500	1.63
BF-42-08	1/2	25	250	2.57
BF-42-10	5/8	25	250	3.79
BF-42-12	3/4	5		15.49
BF-42-14	7/8	5		37.18

REDUCING UNION COUPLING

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-42R-0403	1/4 x 3/16	25		14.57
BF-42R-0504	5/16 x 1/4	25		13.14
BF-42R-0604	3/8 x 1/4	25		3.32
BF-42R-0605	3/8 x 5/16	25		10.19
BF-42R-0804	1/2 x 1/4	25		5.86
BF-42R-0806	1/2 x 3/8	25	500	2.20
BF-42R-1006	5/8 x 3/8	25		6.77
BF-42R-1008	5/8 x 1/2	25		6.61

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

FLARE FITTINGS (cont'd)

ELBOW - FLARE X FLARE

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-55-02	1/8	25		13.88
BF-55-04	1/4	25		5.18
BF-55-06	3/8	25	250	2.08
BF-55-08	1/2	25	250	3.48
BF-55-10	5/8	25	100	5.34
BF-55-12	3/4	5		22.53

REDUCING ELBOW - FLARE X FLARE

BF-55R-0806	1/2 x 3/8	25		13.51

45° ELBOW FLARE X MALE PIPE

BF-54-0402	1/4 x 1/8	25		2.49

ELBOW - FLARE X MALE PIPE

BF-49-0202	1/8 x 1/8	25		3.00
BF-49-0302	3/16 x 1/8	25	1000	1.37
BF-49-0304	3/16 x 1/4	100	1000	7.61
BF-49-0402	1/4 x 1/8	25	500	1.30
BF-49-0404	1/4 x 1/4	25	500	1.42
BF-49-0406	1/4 x 3/8	25		4.40
BF-49-0408	1/4 x 1/2	25		12.26
BF-49-0502	5/16 x 1/8	25		4.35
BF-49-0504	5/16 x 1/4	25		6.38
BF-49-0602	3/8 x 1/8	25	500	5.45
BF-49-0604	3/8 x 1/4	25	500	2.00
BF-49-0606	3/8 x 3/8	25	500	2.17
BF-49-0608	3/8 x 1/2	25	300	3.14
BF-49-0612	3/8 x 3/4	5	200	4.94
BF-49-0804	1/2 x 1/4	25	400	3.15
BF-49-0806	1/2 x 3/8	25	250	3.42
BF-49-0808	1/2 x 1/2	25	300	3.63
BF-49-0812	1/2 x 3/4	10	200	5.20
BF-49-1008	5/8 x 1/2	25	200	4.93
BF-49-1012	5/8 x 3/4	10	150	6.10

ELBOW - FLARE X FEMALE PIPE

BF-50-0604	3/8 x 1/4	25		4.66
BF-50-0606	3/8 x 3/8	25		6.09
BF-50-0608	3/8 x 1/2	25	350	3.31
BF-50-0808	1/2 x 1/2	25		8.50
BF-50-0812	1/2 x 3/4	5	100	11.53
BF-50-1008	5/8 x 1/2	25		12.04

FLARE TEE - FLARE THREE ENDS

BF-44-02	1/8	25		14.57
BF-44-04	1/4	25		3.48
BF-44-06	3/8	25	500	3.05
BF-44-08	1/2	25	200	4.96
BF-44-10	5/8	25	100	14.06
BF-44-12	3/4	5		35.61

REDUCING TEE - FLARE THREE ENDS
READ SIZES 1-2-3

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-44R-060604	3/8 x 3/8 x 1/4	25		5.96
BF-44R-060608	3/8 x 3/8 x 1/2	25		8.63
BF-44R-080606	1/2 x 3/8 x 3/8	25		9.13
BF-44R-080608	1/2 x 3/8 x 1/2	25		13.62
BF-44R-080806	1/2 x 1/2 x 3/8	25		10.11
BF-44R-100808	5/8 x 1/2 x 1/2	25		18.63
BF-44R-101006	5/8 x 5/8 x 3/8	25		8.56
BF-44R-101008	5/8 x 5/8 x 1/2	25		15.29

TEE - FLARE X FLARE X MALE PIPE

BF-45-0606	3/8 x 3/8	25		6.37
BF-45-0806	1/2 x 3/8	25		12.41
BF-45-0808	1/2 x 1/2	25		14.22
BF-45-1008	5/8 x 1/2	25		26.52

SEALING CAP NUT

BF-56-03	3/16	25		4.39
BF-56-04	1/4	25	3000	0.37
BF-56-05	5/16	25		2.84
BF-56-06	3/8	25	500	0.74
BF-56-08	1/2	25	500	1.10
BF-56-10	5/8	25	400	1.38
BF-56-12	3/4	5		13.27

COPPER SEALING BONNET

BF-57-06	3/8	25		1.76
BF-57-08	1/2	25		2.68

SEALING PLUG

BF-58-04	1/4	25		1.15
BF-58-05	5/16	25		2.00
BF-58-06	3/8	25	500	1.18
BF-58-08	1/2	25	500	1.77

COPPER FLARE GASKET

BF-59-06	3/8	25		0.66
BF-59-08	1/2	25		1.17

FEMALE FLARE CONNECTOR
FEMALE FLARE X FEMALE FLARE

BF-32-06	3/8	25		12.26
BF-32-08	1/2	25		20.61

CONNECTOR
FEMALE FLARE X MALE PIPE

BF-33-0402	1/4 x 1/8	25		7.60
BF-33-0404	1/4 x 1/4	25		7.07
BF-33-0604	3/8 x 1/4	25		10.56
BF-33-0806	1/2 x 3/8	25		21.31
BF-33-0808	1/2 x 1/2	25		17.43

Refer to Installation Instructions on Page 3-47. Please order in BII quantities and use BII part numbers whenever possible.

FLARE FITTINGS (cont'd)

FLARE REDUCER
FEMALE FLARE X MALE FLARE

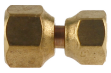
PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-35-0406	1/4 x 3/8	25		6.45
BF-35-0604	3/8 x 1/4	25		7.11
BF-35-0806	1/2 x 3/8	25		10.56
BF-35-0810	1/2 x 5/8	25		12.04

SWIVEL CONNECTOR - FLARE X FLARE

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-34-04	1/4	25		4.40
BF-34-06	3/8	25	350	2.69
BF-34-08	1/2	25	200	3.84
BF-34-10	5/8	25	150	5.63

SWIVEL CONNECTOR REDUCING FLARE X FLARE

PART NO.	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
BF-34R-0604	3/8 x 1/4	25		4.54
BF-34R-0806	1/2 x 3/8	25		8.08



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1/2" I.D. (5/8" O.D.) STAINLESS STEEL GAS APPLIANCE CONNECTORS

Gas Appliance Connectors are commonly used for their ease of installation and for the proper alignment of a fixed piping system to the gas appliance. For use with natural or liquefied petroleum (LP) gases at pressures not exceeding 1/2 psi (3.5kPa).

Construction and Features

- CSA tested and approved to comply with:
  ANSI Z21.75 / CSA 6.27 Connectors for Outdoor Gas Appliances and Manufactured Homes
  ANSI Z21.24 / CSA 6.10 Connectors for Gas Appliances
- CGA 6.10 for fuel gas pressures not in excess of 1/2 psig.
- 100% tested and inspected for leaks and defects.
- Manufactured from high tensile strength 304 SS without soldered or brazed joints.
- Deep corrugations enhance the flexibility making installation easier.
- Available with or without the yellow polymer coating.

MPT x MPT

FPT x MPT

FPT x FPT

Caution: Gas appliance connector nuts must not be connected directly to pipe threads. All connectors must be installed with the adapters provided. Do not reuse, the connectors and fittings are designed for use only on the original installation and are not to be reused for another gas appliance or at another location.

NON COATED STAINLESS STEEL GAS CONNECTORS

		STRAIGHT LENGTH CAPACITY BTU/HOUR						
		180,000	164,200	150,000	125,000	106,000	93,200	86,000
		LENGTH (inch) / Quantity						
PART NO.	CONNECTION SIZE	12" / 25	18" / 25	24" / 25	36" / 25	48" / 25	60" / 12	72" / 12
GACN-M8-	1/2" MPT X 1/2" MPT	12.52	25.41	26.61	29.89	34.59	38.47	37.48
GACN-F8M8-	1/2" FPT X 1/2" MPT	17.13	20.69	21.85	25.50	30.13	33.95	34.05
GACN-F12M8-	3/4" FPT X 1/2" MPT			27.63	30.91	35.61	39.50	38.53
GACN-F8-	1/2" FPT X 1/2" FPT	21.69	21.10	22.28	25.50	30.13	38.47	37.47
GACN-F12-	3/4" FPT X 3/4" FPT	27.39	31.11	32.31	35.59	40.29	44.17	43.32

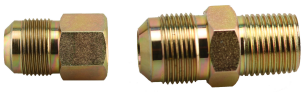
POLY COATED STAINLESS STEEL GAS CONNECTORS

The yellow polymer coating is uniformly applied to cover the entire length of the connector to provide protection from ammonia, acids, chlorine and other corrosive chemicals found in many home care products used to clean surfaces, bleach and laundry softeners etc, as well as harsh environmental influences such as UV rays and sea salt.

		STRAIGHT LENGTH CAPACITY BTU/HOUR						
		180,000	164,200	150,000	125,000	106,000	93,200	86,000
		LENGTH (inch) / Quantity						
PART NO.	CONNECTION SIZE	12" / 25	18" / 25	24" / 25	36" / 25	48" / 25	60" / 12	72" / 12
GAC-M8-	1/2" MPT X 1/2" MPT	14.34	15.94	18.15	22.13	25.84	30.60	36.74
GAC-F8M8-	1/2" FPT X 1/2" MPT	16.17	19.13	18.15	22.91	26.56	33.14	39.01
GAC-F12M8-	3/4" FPT X 1/2" MPT			22.25	26.06	29.60	34.15	40.01
GAC-F8-	1/2" FPT X 1/2" FPT	22.07	15.94	18.15	22.13	26.62	30.60	36.74
GAC-F12-	3/4" FPT X 3/4" FPT	29.26	24.73	26.84	23.57	28.06	38.74	44.60

ZINC PLATED STEEL GAS CONNECTOR FITTINGS

PART NO.	DESCRIPTION	CTN	LIST PRICE-A
GACF-F8	1/2" FPT X 15/16" - 16 Thread Flare Conn.	100	3.33
GACF-F12	3/4" FPT X 15/16" - 16 Thread Flare Conn.	100	4.40
GACF-M8	1/2" MPT X 15/16" - 16 Thread Flare Conn.	100	3.33
GACF-M12	3/4" MPT X 15/16" - 16 Thread Flare Conn.	100	4.28



Gas Valves Available - See Section 2

COMPRESSION FITTINGS

Brass Fittings

• Not for Conveying Potable Water

No Lead Brass Fittings

NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

SIZE	PART NO.	CTN	CASE	LIST PRICE-A	PART NO.	CTN	CASE	LIST PRICE-A
NUT								
3/16	BC-61-03	25	1000	0.27				
1/4	BC-61-04	25	1000	0.32				
5/16	BC-61-05	25	1000	0.99				
3/8	BC-61-06	25	1000	0.51				
1/2	BC-61-08	100	1000	0.79				
5/8	BC-61-10	100	1000	0.93				
3/4	BC-61-12	5		3.60				
7/8	BC-61-14	25	500	2.33				
STANDARD SLEEVE								
1/8	BC-60-02	25		0.21				
3/16	BC-60-03	25	1000	0.11				
1/4	BC-60-04	25	1000	0.11				
5/16	BC-60-05	25	1000	0.13				
3/8	BC-60-06	25	1000	0.16				
7/16	BC-60-07	25		0.40				
1/2	BC-60-08	100	500	0.20				
5/8	BC-60-10	25	400	0.23				
3/4	BC-60-12	25	400	0.49				
7/8	BC-60-14	100	1000	0.56				
IN-LINE SLEEVE								
1/4	BC-260-04	25		0.43				
3/8	BC-260-06	25		1.02				
1/2	BC-260-08	25		3.24				
Excellent for use with nylon tube								
ACETAL PLASTIC SLEEVE								
1/4	BC-60P-04	25	100	0.19				
5/16	BC-60P-05	25		0.24				
3/8	BC-60P-06	25	100	0.19				
1/2	BC-60P-08	25		0.31				
5/8	BC-60P-10	25		0.35				

BRASS INSERT

	PART NO.	INSERT O.D.	QTY BAG	LIST PRICE-B
1/8	BC-61P-02NL	0.080	25	0.80
3/16	BC-61P-03NL	0.095	25	0.93
1/4	BC-61P-04NL *	0.165	50	0.18
5/16	BC-61P-05NL	0.185	25	0.31
3/8	BC-61P-06NL	0.250	500	0.21
1/2	BC-61P-08NL	0.370	500	0.28
5/8	BC-61P-10NL	0.475	200	0.40

*** NOTE: 1/4" insert fits .170" I.D. polyethylene tubing only. No insert available for 1/4" heavy wall tube (.125" I.D.)**

The 60P sleeve and 61P insert will convert standard compression fitting and valves for use with poly tubing

UNION COUPLING - COMPRESSION X COMPRESSION

1/8	BC-62-02	100	1000	0.96				
3/16	BC-62-03	25	600	1.17				
1/4	BC-62-04	25	800	1.45	BC-62-04NL	25	800	1.98
5/16	BC-62-05	25	800	1.72				
3/8	BC-62-06	25	500	2.25	BC-62-06NL	25	500	2.83
7/16	BC-62-07	25		12.59				
1/2	BC-62-08	25	300	3.15	BC-62-08NL	25	300	4.18
5/8	BC-62-10	25	200	3.98	BC-62-10NL	10	200	5.32
3/4	BC-62-12	10	100	8.83				
7/8	BC-62-14	10	100	8.91	BC-62-14NL	10	100	11.79

Refer to Installation Instructions on Page 3-47. Please order in BII quantities and use BII part numbers whenever possible.

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Fax: 1-519-595-4380 - www.boshart.com

COMPRESSION FITTINGS (cont'd)

Brass Fittings • Not for Conveying Potable Water					No Lead Brass Fittings				
SIZE	PART NO.	CTN	CASE	LIST PRICE-A	PART NO.	CTN	CASE	LIST PRICE-A	
REDUCING UNION COUPLING - COMPRESSION X COMPRESSION									
1/4 x 1/8	BC-62R-0402	25		5.00					
1/4 x 3/16	BC-62R-0403	25		3.88					
5/16 x 1/4	BC-62R-0504	25		5.17					
3/8 x 1/4	BC-62R-0604	25	600	1.84	BC-62R-0604NL	25	600	2.66	
3/8 x 5/16	BC-62R-0605	25		6.59					
1/2 x 3/8	BC-62R-0806	25	400	2.73	BC-62R-0806NL	25	400	3.82	
5/8 x 3/8	BC-62R-1006	10	250	3.33	BC-62R-1006NL	10	250	4.63	
5/8 x 1/2	BC-62R-1008	10	250	3.56	BC-62R-1008NL	10	250	4.95	
CONNECTOR - COMPRESSION X MALE PIPE									
1/8 x 1/8	BC-68-0202	25		2.19					
3/16 x 1/8	BC-68-0302	25	800	0.92					
3/16 x 1/4	BC-68-0304	25		5.13					
1/4 x 1/8	BC-68-0402	25	800	1.04	BC-68-0402NL	25	800	1.48	
1/4 x 1/4	BC-68-0404	25	800	1.29	BC-68-0404NL	25	800	1.79	
1/4 x 3/8	BC-68-0406	25	600	1.63	BC-68-0406NL	25	600	2.26	
1/4 x 1/2	BC-68-0408	25	350	2.31	BC-68-0408NL	25	350	3.08	
5/16 x 1/8	BC-68-0502	25		2.79					
5/16 x 1/4	BC-68-0504	25	350	1.38					
5/16 x 3/8	BC-68-0506	25	350	1.70					
5/16 x 1/2	BC-68-0508	25		21.44					
3/8 x 1/8	BC-68-0602	25	600	1.47					
3/8 x 1/4	BC-68-0604	25	600	1.47	BC-68-0604NL	25	600	2.05	
3/8 x 3/8	BC-68-0606	25	500	1.82	BC-68-0606NL	25	500	2.50	
3/8 x 1/2	BC-68-0608	25	400	2.43	BC-68-0608NL	25	400	3.29	
3/8 x 3/4	BC-68-0612	5		7.69	BC-68-0612NL	10	250	4.73	
7/16 x 3/8	BC-68-0706	25		4.23					
1/2 x 1/4	BC-68-0804	10	400	2.13					
1/2 x 3/8	BC-68-0806	10	400	2.22	BC-68-0806NL	10	400	3.02	
1/2 x 1/2	BC-68-0808	10	350	2.93	BC-68-0808NL	10	350	3.89	
1/2 x 3/4	BC-68-0812	5		10.88	BC-68-0812NL	10		9.63	
5/8 x 3/8	BC-68-1006	10	300	3.01					
5/8 x 1/2	BC-68-1008	10	300	3.20	BC-68-1008NL	10	300	4.25	
5/8 x 3/4	BC-68-1012	10	200	4.03	BC-68-1012NL	10	200	5.45	
3/4 x 1/2	BC-68-1208	5		12.56					
3/4 x 3/4	BC-68-1212	10	500	17.63					
7/8 x 1/2	BC-68-1408	5		18.16					
7/8 x 3/4	BC-68-1412	10	150	6.20	BC-68-1412NL	10	150	8.13	
7/8 x 1	BC-68-1416	5		27.60					
ELBOW - COMPRESSION X COMPRESSION									
1/8	BC-65-02	25		3.99					
3/16	BC-65-03	25		5.41					
1/4	BC-65-04	25	600	1.91	BC-65-04NL	25	600	2.56	
5/16	BC-65-05	25	500	2.35					
3/8	BC-65-06	25	450	2.48	BC-65-06NL	25	500	3.44	
1/2	BC-65-08	10	250	4.31	BC-65-08NL	10	250	5.61	
5/8	BC-65-10	10	150	5.97	BC-65-10NL	10	150	7.76	
7/8	BC-65-14	5		30.25	BC-65-14NL	10	70	66.96	
REDUCING ELBOW - COMPRESSION X COMPRESSION									
1/2 x 3/8	BC-65R-0806	25		13.79					
5/8 x 3/8	BC-65R-1006	25		9.83					
5/8 x 1/2	BC-65R-1008	25		23.14					

Refer to Installation Instructions on Page 3-47. Please order in BII quantities and use BII part numbers whenever possible.

COMPRESSION FITTINGS (cont'd)

Brass Fittings

• Not for Conveying Potable Water

No Lead Brass Fittings

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

SIZE	PART NO.	CTN	CASE	LIST PRICE-A	PART NO.	CTN	CASE	LIST PRICE-A
FEMALE COUPLING - COMPRESSION X FEMALE PIPE								
1/4 x 1/8	BC-66-0402	25		2.57	BC-66-0402NL	25	800	1.65
1/4 x 1/4	BC-66-0404	25	700	1.34	BC-66-0404NL	25	700	1.81
1/4 x 3/8					BC-66-0406NL	25	600	4.00
1/4 x 1/2					BC-66-0408NL	25		5.28
5/16 x 1/4	BC-66-0504	25	500	1.48				
5/16 x 3/8	BC-66-0506	25	500	8.77				
3/8 x 1/8	BC-66-0602	25		3.31				
3/8 x 1/4	BC-66-0604	25		3.47	BC-66-0604NL	25	600	2.11
3/8 x 3/8	BC-66-0606	25	500	1.85	BC-66-0606NL	25	500	2.46
3/8 x 1/2	BC-66-0608	25	400	2.11	BC-66-0608NL	25	400	2.96
1/2 x 3/8	BC-66-0806	25		5.92	BC-66-0806NL	10	400	5.02
1/2 x 1/2					BC-66-0808NL	10	300	6.34
5/8 x 3/8	BC-66-1006	25		8.22				
5/8 x 1/2	BC-66-1008	10	250	2.89	BC-66-1008NL	10	250	3.96
5/8 x 3/4	BC-66-1012	10	200	4.39	BC-66-1012NL	10	200	5.85
7/8 x 3/4	BC-66-1412	5		14.92	BC-66-1412NL	10	150	8.18
ELBOW - COMPRESSION X MALE PIPE								
1/8 x 1/8	BC-69-0202	25		2.45				
3/16 x 1/8	BC-69-0302	25		2.97				
3/16 x 1/4	BC-69-0304	25		8.03				
1/4 x 1/8	BC-69-0402	25	800	1.45	BC-69-0402NL	25	800	2.02
1/4 x 1/4	BC-69-0404	25	700	1.73	BC-69-0404NL	25	700	2.40
1/4 x 3/8	BC-69-0406	25		5.14	BC-69-0406NL	25	600	5.47
5/16 x 1/8	BC-69-0502	25		5.29				
5/16 x 1/4	BC-69-0504	25	600	4.10				
5/16 x 3/8	BC-69-0506	25		5.16				
3/8 x 1/8	BC-69-0602	25		4.54				
3/8 x 1/4	BC-69-0604	25	600	2.07	BC-69-0604NL	25	600	2.79
3/8 x 3/8	BC-69-0606	25	500	2.49	BC-69-0606NL	25	500	3.26
3/8 x 1/2	BC-69-0608	10	350	3.31	BC-69-0608NL	10	350	4.30
3/8 x 3/4	BC-69-0612	5		17.83				
1/2 x 3/8					BC-69-0806NL	25		7.27
1/2 x 1/2	BC-69-0808	25	200	3.88	BC-69-0808NL	10	350	4.94
5/8 x 3/8	BC-69-1006	10	350	4.74				
5/8 x 1/2	BC-69-1008	10	300	4.92	BC-69-1008NL	10	300	6.34
3/4 x 3/4	BC-69-1212	5		16.10				
ELBOW - COMPRESSION X FEMALE PIPE								
1/4 x 1/4	BC-70-0404	25		4.75				
45° ELBOW - COMPRESSION X MALE PIPE								
1/4 x 1/4	BC-74-0404	25		11.07				
3/8 x 3/8	BC-74-0606	25		19.82				
1/2 x 1/2	BC-74-0808	25		23.74				
TEE - COMPRESSION THREE ENDS								
1/8	BC-64-02	25		11.74				
3/16	BC-64-03	25		5.54				
1/4	BC-64-04	25	400	2.79	BC-64-04NL	25	400	3.60
5/16	BC-64-05	25	400	3.54				
3/8	BC-64-06	25	200	3.86	BC-64-06NL	25	200	5.17
1/2	BC-64-08	10	180	6.15	BC-64-08NL	10	180	12.98
5/8	BC-64-10	10	120	8.28	BC-64-10NL	10	120	17.78
7/8	BC-64-14	5		34.74	BC-64-14NL	10	50	79.93
TEE - COMPRESSION X MALE PIPE								
3/8 x 1/4	BC-72-0604	25		7.94				
5/8 x 1/2	BC-72-1008	25		24.85				

Refer to Installation Instructions on Page 3-47. Please order in BII quantities and use BII part numbers whenever possible.

BOSHART INDUSTRIES

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HOSE BARBS

Brass Fittings

• Not for Conveying Potable Water

No Lead Brass Fittings

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

SIZE	PART NO.	CTN	CASE	LIST PRICE-A	PART NO.	CTN	CASE	LIST PRICE-A
COUPLER - BARB X MALE PIPE								
1/8 x 1/8	BH-125-0202	100	2000	1.77	BH-125-0202NL	25	1500	0.89
1/8 x 1/4	BH-125-0204	100	2000	2.49	BH-125-0204NL	25	1200	1.20
3/16 x 1/8	BH-125-0302	25		1.47				
3/16 x 1/4	BH-125-0304	25		2.33				
1/4 x 1/8	BH-125-0402	25	1000	0.71	BH-125-0402NL	25	1000	1.03
1/4 x 1/4	BH-125-0404	25	800	1.00	BH-125-0404NL	25	800	1.43
1/4 x 3/8	BH-125-0406	25	600	1.39	BH-125-0406NL	25	600	1.96
1/4 x 1/2	BH-125-0408	25	500	5.00	BH-125-0408NL	25	500	3.40
5/16 x 1/8	BH-125-0502	25		1.95				
5/16 x 1/4	BH-125-0504	25	800	1.03	BH-125-0504NL	25	800	1.46
5/16 x 3/8	BH-125-0506	25		2.82	BH-125-0506NL	25	600	2.04
3/8 x 1/8	BH-125-0602	25		1.65	BH-125-0602NL	25	800	1.09
3/8 x 1/4	BH-125-0604	25	600	1.15	BH-125-0604NL	25	600	1.62
3/8 x 3/8	BH-125-0606	25	500	1.42	BH-125-0606NL	25	500	1.98
3/8 x 1/2	BH-125-0608	25	400	2.20	BH-125-0608NL	25	400	3.14
3/8 x 3/4	BH-125-0612	5		8.09				
1/2 x 1/4	BH-125-0804	25	500	1.34	BH-125-0804NL	25	500	1.83
1/2 x 3/8	BH-125-0806	25	400	1.71	BH-125-0806NL	25	400	2.40
1/2 x 1/2	BH-125-0808	25	300	2.55	BH-125-0808NL	25	300	3.52
1/2 x 3/4	BH-125-0812	10	250	4.28	BH-125-0812NL	10	250	5.78
5/8 x 3/8	BH-125-1006	25		3.89				
5/8 x 1/2	BH-125-1008	10	300	2.67	BH-125-1008NL	10	300	3.68
5/8 x 3/4	BH-125-1012	5		7.19				
3/4 x 3/8	BH-125-1206	5		7.65				
3/4 x 1/2	BH-125-1208	25	250	6.65	BH-125-1208NL	10	300	3.66
3/4 x 3/4	BH-125-1212	10	200	3.79	BH-125-1212NL	10	200	5.29
1 x 3/4	BH-125-1612	5		9.42				
1 x 1	BH-125-1616	10	100	15.81	BH-125-1616NL	10	100	10.12
1 1/4 x 1	BH-125-2016	5		20.83				
COUPLER - BARB X FEMALE PIPE								
1/8 x 1/4	BH-126-0204	25		5.44				
1/4 x 1/8	BH-126-0402	25		2.68				
1/4 x 1/4	BH-126-0404	25	700	1.17	BH-126-0404NL	25	700	1.64
5/16 x 3/8	BH-126-0506	25		5.63				
3/8 x 1/8	BH-126-0602	25		3.24				
3/8 x 1/4	BH-126-0604	25		2.82				
3/8 x 3/8	BH-126-0606	25	500	1.60	BH-126-0606NL	25	500	2.29
3/8 x 1/2	BH-126-0608	25	500	2.18	BH-126-0608NL	10	400	3.11
1/2 x 3/8	BH-126-0806	25		5.01				
1/2 x 1/2	BH-126-0808	10	300	2.26	BH-126-0808NL	10	300	3.24
3/4 x 3/4	BH-126-1212	5		13.48				
SPLICER - BARB X BARB								
1/8					BH-129-02NL	25	500	0.42
3/16					BH-129-03NL	25	500	0.50
1/4					BH-129-04NL	25	500	0.64
5/16					BH-129-05NL	25	500	0.81
3/8					BH-129-06NL	25	500	1.00
1/2					BH-129-08NL	25	500	1.34
5/8					BH-129-10NL	10	500	2.10
3/4					BH-129-12NL	10	300	2.61

HOSE BARBS (cont'd)

Brass Fittings

• Not for Conveying Potable Water

No Lead Brass Fittings

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

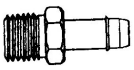
ELBOW - BARB X MALE PIPE

SIZE	PART NO.	CTN	CASE	LIST PRICE-A	PART NO.	CTN	CASE	LIST PRICE-A
1/4 x 1/8	BH-139-0402	100	500	3.83	BH-139-0402NL	25	1000	1.75
1/4 x 1/4	BH-139-0404	25	500	1.68	BH-139-0404NL	25	500	2.08
3/8 x 1/8	BH-139-0602	25		4.32				
3/8 x 1/4	BH-139-0604	100	1000	7.09	BH-139-0604NL	10	500	2.42
3/8 x 3/8	BH-139-0606	25		6.89				
3/8 x 1/2	BH-139-0608	25		6.68				
1/2 x 1/4	BH-139-0804	25		5.19				
1/2 x 3/8	BH-139-0806	25	500	13.19				
1/2 x 1/2	BH-139-0808	25	500	7.83				

MINI BARBS

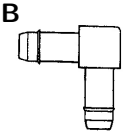
MINI BARB X MALE PIPE

PART NO.	TUBE O.D.	TUBE I.D.	PIPE	BAG QTY	LIST PRICE-A
BT-968-0402	1/4	.170	1/8	25	1.42
BT-968-0404	1/4	.170	1/4	25	3.36
BT-968-0602	3/8	.250	1/8	25	3.83
BT-968-0604	3/8	.250	1/4	25	3.65
BT-968-0806	1/2	.375	3/8	25	11.73



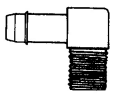
ELBOW - MINI BARB X MINI BARB

PART NO.	TUBE O.D.	TUBE I.D.	BAG QTY	LIST PRICE-A
BT-965-04	1/4	.170	25	1.47
BT-965-06	3/8	.250	25	3.38
BT-965-08	1/2	.375	25	11.32



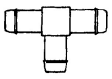
ELBOW - MINI BARB X MALE PIPE

PART NO.	TUBE O.D.	TUBE I.D.	PIPE	BAG QTY	LIST PRICE-A
BT-969-0402	1/4	.170	1/8	25	2.06
BT-969-0404	1/4	.170	1/4	25	3.19
BT-969-0602	3/8	.250	1/8	25	3.71
BT-969-0604	3/8	.250	1/4	25	7.10



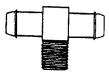
TEE - MINI BARB THREE ENDS

PART NO.	TUBE O.D.	TUBE I.D.	BAG QTY	LIST PRICE-A
BT-964-04	1/4	.170	25	1.42
BT-964-06	3/8	.250	25	4.32
BT-964-08	1/2	.375	25	11.19



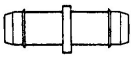
TEE - MINI BARB X MALE PIPE

PART NO.	TUBE O.D.	TUBE I.D.	PIPE	BAG QTY	LIST PRICE-A
BT-972-0402	1/4	.170	1/8	25	10.19



MINI BARB X MINI BARB

PART NO.	TUBE O.D.	TUBE I.D.	BAG QTY	LIST PRICE-A
BT-962-04	1/4	.170	25	0.97
BT-962-06	3/8	.250	25	1.11
BT-962-08	1/2	.375	25	14.50



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GARDEN HOSE FITTINGS

Brass Fittings • Not for Conveying Potable Water					No Lead Brass Fittings				
SIZE	PART NO.	CTN	CASE	LIST PRICE-A	PART NO.	CTN	CASE	LIST PRICE-A	NO LEAD <0.25% Pb by weighted avg.
CONNECTOR - BARB X MALE HOSE									
3/8 x 3/4	BG-193-0612	5		6.10					
1/2 x 3/4	BG-193-0812	10	500	3.35	BG-193-0812NL	10	500	5.59	
5/8 x 3/4	BG-193-1012	10	500	3.38	BG-193-1012NL	10	500	5.66	
3/4 x 3/4	BG-193-1212	10	500	3.58	BG-193-1212NL	10	500	5.88	
SWIVEL CONNECTOR - BARB X FEMALE HOSE									
c/w Washer									
3/8 x 3/4	BG-195-0612	10	500	3.23	BG-195-0612NL	10	500	4.05	
1/2 x 3/4	BG-195-0812	10	500	3.20	BG-195-0812NL	10	500	4.09	
5/8 x 3/4	BG-195-1012	10	500	3.20	BG-195-1012NL	10	500	4.12	
3/4 x 3/4	BG-195-1212	10	500	3.25	BG-195-1212NL	10	500	4.18	
GARDEN HOSE BARB SET									
c/w Washer									
3/8	BG-193-195-06	5		10.58					
1/2	BG-193-195-08	10	250	6.91	BG-193-195-08NL	10		10.02	
5/8	BG-193-195-10	5		7.17	BG-193-195-10NL	10		10.12	
3/4	BG-193-195-12	5		7.22	BG-193-195-12NL	10		10.40	
COUPLING - FEMALE HOSE X MALE PIPE									
c/w Washer									
3/4 x 1/2	BG-199-1208	10	500	3.08	BG-199-1208NL	10	500	5.15	
3/4 x 3/4	BG-199-1212	10	500	3.42	BG-199-1212NL	10	500	5.38	
SWIVEL COUPLING - FEMALE HOSE X FEMALE PIPE									
c/w Washer									
3/4 x 1/2	BG-199S-1208	10	500	3.88	BG-199S-1208NL	10	500	3.94	
3/4 x 3/4	BG-199S-1212	10	250	4.05	BG-199S-1212NL	10	250	5.44	
SWIVEL COUPLING - FEMALE HOSE X FEMALE HOSE									
c/w Washer									
3/4	BG-203-12	10	500	3.91	BG-203-12NL	10	500	5.84	
COUPLING - FEMALE HOSE X FEMALE PIPE									
c/w Washer									
3/4 x 1/2	BG-198-1208	10	500	3.25	BG-198-1208NL	10	500	5.16	
3/4 x 3/4	BG-198-1212	10	500	3.64	BG-198-1212NL	10	500	5.56	
SOLID COUPLING - FEMALE HOSE X FEMALE HOSE									
c/w Washer									
3/4	BG-198W-12	10	500	3.06					
COUPLING - MALE HOSE X MALE PIPE									
3/4 x 3/8	BG-196-1206	10	500	2.97					
3/4 x 1/2	BG-196-1208	10	500	3.06	BG-196-1208NL	10	500	4.29	
3/4 x 3/4	BG-196-1212	10	250	3.67	BG-196-1212NL	10	250	5.33	
COUPLING - MALE HOSE X FEMALE PIPE									
3/4 x 1/4	BG-197-1204	5		13.69					
3/4 x 3/8	BG-197-1206	5		13.90					
3/4 x 1/2	BG-197-1208	10	500	2.37	BG-197-1208NL	10	500	3.70	
3/4 x 3/4	BG-197-1212	10	500	3.24	BG-197-1212NL	10	500	5.34	
COUPLING - MALE HOSE X MALE HOSE									
3/4 x 3/4	BG-196W-1212	10	500	3.28	BG-196W-1212NL	10	500	5.06	

GARDEN HOSE FITTINGS (cont'd)

	Brass Fittings • Not for Conveying Potable Water				No Lead Brass Fittings				
SIZE	PART NO.	CTN	CASE	LIST PRICE-A	PART NO.	CTN	CASE	LIST PRICE-A	
SWIVEL CONNECTOR - FEMALE HOSE X MALE PIPE									
c/w Washer									
3/4 x 1/4	BG-194-1204	5		11.23					
3/4 x 3/8	BG-194-1206	5		10.82					
3/4 x 1/2	BG-194-1208	10	250	5.12					
"Y' COUPLING - MALE HOSE X FEMALE HOSE									
c/w Washer									
3/4	BG-202-12	5		13.06					
KNURL CAP NUT									
c/w Washer									
3/4	BG-200-12	10	500	1.90	BG-200-12NL	10	500	2.98	
HEX KNURL CAP WITH CHAIN									
c/w Washer									
3/4	BG-200HKC-12	10	300	3.99	BG-200HKC-12NL	10	300	5.84	
GARDEN HOSE WASHER									
3/4	BG-GHW-12	500		0.10					
2-WAY "Y" GARDEN HOSE VALVE									
• 1/4 turn ball valve shut-offs allow for easy adjustment of flow and pressure • Dimensions: 2-3/8" L x 3-1/16" W									
	BG-202V-12	20	100	17.28	BG-202V-12NL	20	100	21.90	

Refer to Installation Instructions on Page 3-47. Please order in BII quantities and use BII part numbers whenever possible.

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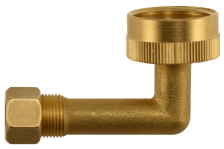
NO LEAD BRASS DISHWASHER HOSE FITTING

DESCRIPTION:
The new Dishwasher Hose Fitting is easier to install since the connection is easier to align & attach. It saves time, requires less torque, and no P.T.F.E. tape or putty should be used.

SPECIFICATIONS:
- 3/4" FHT (Female Hose Thread) end will connect directly to the dishwasher inlet valve.
- Maximum Temperature: 180°F (82°C)

PART NO.	SIZE	LIST PRICE-A
BC-DWE-0612NL	3/8" Comp x 3/4" Female Hose	7.10



COMBINATION NIPPLES AND HOSE MENDERS

Note: For use with hose, not polyethylene pipe.

ZINC PLATED STEEL PART NO.	LIST PRICE-A	BLACK PART NO	LIST PRICE-A	SIZE	NO. OF BARBS	LENGTH	CTN QTY
COMBINATION NIPPLES							
GCN-050	2.39	BLCN-050	2.55	1/2	6	3 1/8	25
GCN-075	2.49	BLCN-075	2.65	3/4	6	3 1/8	25
GCN-100	2.89	BLCN-100	3.08	1	6	3 3/8	20
GCN-125	3.88	BLCN-125	3.88	1 1/4	6	3 1/4	20
GCN-150	4.68	BLCN-150	4.68	1 1/2	7	4 1/8	10
GCN-200	5.69	BLCN-200	5.69	2	8	4 3/4	10
GCN-250	13.20	BLCN-250	13.20	2 1/2	8	5 3/4	4
GCN-300	16.99	BLCN-300	16.99	3	8	6	4
GCN-400	22.95	BLCN-400	22.95	4	8	7 1/4	2
GCN-600	72.29	BLCN-600	72.29	6	13	11	4
HOSE MENDERS							
GHM-050	2.35			1/2	6	3 1/2	25
GHM-075	2.65			3/4	6	4 1/4	25
GHM-100	3.08			1	6	4 1/4	20
GHM-125	4.26			1 1/4	6	4 1/4	12
GHM-150	5.21			1 1/2	7	4 5/8	10
GHM-200	6.30			2	7	4 7/8	10
GHM-250	14.84			2 1/2	8	6	5
GHM-300	18.74			3	8	6 5/8	4
GHM-400	27.30			4	8	8	2
GHM-600	77.49			6	10	11	4

Refer to Installation Instructions on Page 3-47. Please order in BII quantities and use BII part numbers whenever possible.

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PVC CLEAR TUBING

FEATURES
- Non-toxic
- Odourless & Taste-free
- Nonconductive
- Fire Resistant
- Self-extinguishing
- FDA Compounds Used Comply With FDA Standards
- NSF certified under standard NSF 51
- Type 10

TYPICAL APPLICATIONS
- Laboratory
- Food & Beverage
- Drain Lines
- Water And Chemical Transfer
- Wire Harness
- Sight Gauges
- Light Vacuum Lines

NO LEAD LEAD-FREE

Temperature Range: 25°F (-4°C) to 150°F (65°C)

PART NO	SIZE I.D.	SIZE O.D.	LENGTH	WORKING PSI @ 20°C	WALL THICKNESS	WEIGHT PER CFT	LIST PRICE-A PER FOOT
106-0204-100	1/8	1/4	100 FT.	65	.063	1.9 LBS	0.28
106-0305-100	3/16	5/16	100 FT.	55	.063	2.6 LBS	0.30
106-0406-100	1/4	3/8	100 FT.	55	.063	3.2 LBS	0.33
106-0408-100	1/4	1/2	100 FT.	60	.125	7.6 LBS	0.80
106-0507-100	5/16	7/16	100 FT.	50	.063	3.8 LBS	0.38
106-0608-100	3/8	1/2	100 FT.	45	.063	4.5 LBS	0.45
106-0610-100	3/8	5/8	100 FT.	55	.125	10.2 LBS	1.13
106-0810-100	1/2	5/8	100 FT.	30	.063	5.7 LBS	0.56
106-0812-100	1/2	3/4	100 FT.	45	.125	12.8 LBS	1.30
106-1014-100	5/8	7/8	100 FT.	40	.125	12.5 LBS	1.51
106-1216-100	3/4	1	100 FT.	35	.125	17.9 LBS	1.77
106-1418-100	7/8	1 1/8	100 FT.	30	.125	20.4 LBS	2.37
106-1620-100	1	1 1/4	100 FT.	25	.125	23.0 LBS	2.53
106-2024-100	1 1/4	1 1/2	100 FT.	20	.125	28.1 LBS	3.18
106-2430-100	1 1/2	1 7/8	100 FT.	30	.1875	51.7 LBS	6.30

POLYETHYLENE TUBING - FOOD GRADE

FEATURES
- Type 50
- Lightweight Tubing
- Odourless And Tasteless
- Materials Comply With The F.D.A. Specifications
- Low Density
- Resistance To Stress Cracking
- Milky White Colour

TYPICAL APPLICATIONS
- Air Instrumentation
- Water Lines
- Food Transfer
- Chemical Spray
- Beverage And Soda Transfer
- Light Vacuum Line
- Conduit
- Pneumatic Control Tubing

NO LEAD LEAD-FREE

Temperature Range: -45°F (-42°C) to 150°F (65°C)

COIL PART NO.	LENGTH	LIST-A PER FT.	REEL PART NO.	LENGTH	LIST-A PER FT.	SIZE O.D.	SIZE I.D.	WORKING PSI	WALL THICK.	WEIGHT PER CFT.
105-04H-100	100 FT.	0.26	105-04H-2000	2000 FT.	0.26	1/4 "	.125	150	.062	1.5 LBS
105-04-100	100 FT.	0.20	105-04-2000	2000 FT.	0.20	1/4 "	.170	140	.040	1.1 LBS
105-06-100	100 FT.	0.37	105-06-500	500 FT.	0.37	3/8 "	.250	125	.062	2.5 LBS
105-08-100	100 FT.	0.43	105-08-500	500 FT.	0.43	1/2 "	.375	100	.062	3.5 LBS
105-10-100	100 FT.	0.70	105-10-500	500 FT.	0.70	5/8 "	.500	75	.062	4.5 LBS

H - DENOTES HEAVY WALL TUBE

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CLEAR BRAIDED PVC HOSE - STANDARD WALL

Please note applications are general. However, the degree of resistance of a material also depends on other variables such as length of exposure, temperature, pressure, velocity of fluid, concentration, etc. and therefore no guarantee is expressed or implied. If an element of doubt exists, we advise that the product be tested under actual conditions. Crystal clear polyvinyl chloride reinforced with spiraled polyester cords. Cover and tube are compounded from Non-Toxic PVC ingredients in compliance with applicable FDA requirements.

FEATURES

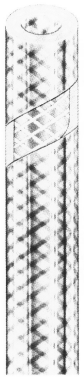
- Glass Smooth Interior
- Chemical Resistant
- Self-extinguishing
- Non-marking
- Lightweight
- Ozone & Atmospheric Resistant
- NSF Certified Under Standard NSF-51
- Type 20
- Clear PVC Tube. Polyester Reinforced
- Flexible
- Tight Tolerances
- FDA Compounds Used Comply With FDA Standards

Temperature Range: 25°F (-4°C) to 150°F (65°C)

INDUSTRIAL APPLICATIONS

- Pneumatic Lines
- Lubrication Lines
- Air & Water Lines
- Packaging Machines
- Glue Lines
- Air Breathing Lines
- Vacuum Lines
- Deionized Water Systems
- Wire Conduit

NO LEAD
LEAD-FREE

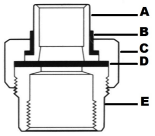


PART NO.	NOMINAL I.D.	NOMINAL O.D.	MAXIMUM WORKING PRESSURE @70°F(21°C) PSI	@70°F(21°C) (MPa)	@122°F(50°C) PSI	@122°F(50°C) (MPa)	LENGTH IN FEET	APPROX. WGT. PER CFT.	LIST PRICE-A PER FOOT
107-03-100	3/16	.375	250	(1.72)	150	(1.03)	100 FT	4.5 LBS	0.58
107-04-100	1/4	.438	250	(1.72)	150	(1.03)	100 FT	6.5 LBS	0.65
107-05-100	5/16	.525	250	(1.72)	135	(0.93)	100 FT	7.5 LBS	0.74
107-06-100	3/8	.600	225	(1.55)	125	(0.86)	100 FT	9.0 LBS	0.91
107-08-100	1/2	.750	200	(1.38)	100	(0.69)	100 FT	14.5 LBS	1.19
107-08-300	1/2	.750	200	(1.38)	100	(0.69)	300 FT	14.5 LBS	1.19
107-10-100	5/8	.875	200	(1.38)	100	(0.69)	100 FT	16.5 LBS	1.58
107-12-100	3/4	1.030	150	(1.03)	85	(0.58)	100 FT	23.0 LBS	1.88
107-12-300	3/4	1.030	150	(1.03)	85	(0.58)	300 FT	23.0 LBS	1.88
107-16-100	1	1.300	125	(0.86)	75	(0.52)	100 FT	32.0 LBS	2.63
107-16-200	1	1.300	125	(0.86)	75	(0.52)	200 FT	32.0 LBS	2.63
107-20-050	1 1/4	1.625	100	(0.69)	55	(0.38)	50 FT	58.0 LBS	5.28
107-20-100	1 1/4	1.625	100	(0.69)	55	(0.38)	100 FT	58.0 LBS	5.28
107-24-050	1 1/2	1.937	100	(0.69)	50	(0.34)	50 FT	69.0 LBS	6.51
107-24-100	1 1/2	1.937	100	(0.69)	50	(0.34)	100 FT	69.0 LBS	6.51
107-32-050	2	2.490	75	(0.51)	35	(0.24)	50 FT	100.0 LBS	9.55
107-32-100	2	2.490	75	(0.51)	35	(0.24)	100 FT	100.0 LBS	9.55

NO LEAD DIELECTRIC UNIONS

Dielectric Unions are used in commercial and residential applications to prevent accelerated corrosion and deterioration in the piping system due to galvanic and stray current. It is installed between pipes made from dissimilar metals, and features a female iron pipe thread to solder connection. It consists of a union nut, two tailpieces, and a gasket that separates the tailpieces to prevent an electric current from occurring. Dielectric Union are ideal in applications such as hot water storage tanks, water and air conditioners, processing tanks, steam, gas, and water piping.

- Maximum Pressure: 250psi.
- Maximum operating temperature 180°F (82°C)
- Threaded ends comply with ANSI/ASME B1.20.1
- Sweat connections conform to ANSI/ASME B16.18



FPT x SWEAT MPT x SWEAT

WARNING: Before using any product with any chemical substance the user must determine the suitability of the product for the intended use. The user assumes all risk and liability for use of product with any chemical or other substance. It is always advisable that the product be field tested under actual conditions, as a materials resistance to the effects of chemical depends not only upon the particular chemical, but also on other factors such as length of exposure, service temperature, pressure, fluid velocity, and the relative concentration of each component in multi-component mixtures. Therefore no guarantee is expressed or implied.

Material Specification:

IPS Conn. (E)	- Steel (with Galvanized Coat) ASTM A108
Nut (C)	- Steel (with Galvanized Coat) ASTM A108
Solder Conn. (A)	- Brass (lead < 0.25%) ASTM B-16
Gasket (D)	- Silicone Rubber
Insert (B)	- Nylon

PART NO.	DESCRIPTION	QUANTITY CTN	QUANTITY CASE	CASE WGT - lbs	LIST PRICE-A
DU-05FSNL	1/2" FPT x 1/2" SWEAT	12	144	49.8	7.13
DU-07FSNL	3/4" FPT x 3/4" SWEAT	15	120	62.6	8.60
DU-10FSNL	1" FPT x 1" SWEAT	12	72		11.86
DU-12FSNL	1-1/4" FPT x 1-1/4" SWEAT	6	48	41.4	17.37
DU-15FSNL	1-1/2" FPT x 1-1/2" SWEAT	6	36	67.9	23.82
DU-20FSNL	2" FPT x 2" SWEAT	3	18	63.9	42.55
DU-07F05SNL	3/4" FPT x 1/2" SWEAT	15	120	76.3	8.25
DU-05MSNL	1/2" MPT x 1/2" SWEAT	14	84	81.6	8.68
DU-07MSNL	3/4" MPT x 3/4" SWEAT	12	72	72.1	10.75

Pb NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

REPLACEMENT PARTS

CONNECTION SIZE	PART NO. GASKET WASHER	LIST PRICE-A	PART NO. PLASTIC INSULATOR	LIST PRICE-A
1/2"	DU-G05	0.28	DU-PI05	0.29
3/4"	DU-G07	0.34	DU-PI07	0.33
1"	DU-G10	0.39	DU-PI10	0.38
1 1/4"	DU-G12	0.47	DU-PI12	0.43
1 1/2"	DU-G15	0.61	DU-PI15	0.53
2"	DU-G20	0.88	DU-PI20	0.72

BOSHART INDUSTRIES

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

NO LEAD LEAD-FREE

PTFE THREAD SEAL TAPE

- Use for water (potable & non-potable), most chemicals, oxygen, gas, hydraulic and high pressure lines
- Temperature range: -310°F (-190°C) to +536°F (+280°C)
- 100% Virgin PTFE (polytetrafluoroethylene)
- Meets Mil. Spec. T-27730A
- UL Listed Seal Material

STANDARD

PART NO.	SIZE	THICKNESS	DENSITY	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
TT520	1/2" x 520"	0.0035" (3.5 mils)	0.35g/cm^3	10	250	0.64
TT34X520	3/4" x 520"	0.0035" (3.5 mils)	0.35g/cm^3	10	250	**0.90**
TT1X520	1" x 520"	0.0035" (3.5 mils)	0.37g/cm^3	10	250	**1.17**

DELUXE HIGH DENSITY

PART NO.	SIZE	THICKNESS	DENSITY	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
TT520-DLX	1/2" x 520"	0.004" (4 mils)	0.60g/cm^3	10	250	**1.10**
TT34X520-DLX	3/4" x 520"	0.004" (4 mils)	0.60g/cm^3	10	250	**1.77**
TT1X520-DLX	1" x 520"	0.004" (4 mils)	0.64g/cm^3	10	250	2.13

SPECIALTY PTFE THREAD SEAL TAPES

- Thicker PTFE (polytetrafluoroethylene) higher density than regular PTFE tapes
- Colour coded for specific applications
- Can withstand temperatures of -450°F (-268°C) to +550°F (288°C)
- Meets Mil Spec. T-27730A • UL Listed

PINK PLUMBERS PTFE THREAD SEAL TAPE

- For plumbers and pipe fitters
- Colour coded pink to signify this is heavier than standard white thread seal tapes

PART	SIZE	THICKNESS	DENSITY	CASE	LIST PRICE-A
TT260-PP	1/2" x 260"	0.004" (4 mils)	1.2g/cm^3	200	4.70

YELLOW GAS LINE

- Designed for gas lines of all types... natural gas, propane and butane lines
- Meets gas company standard world wide

PART	SIZE	THICKNESS	DENSITY	CASE	LIST PRICE-A
TT260-GAS	1/2" x 260"	0.004" (4 mils)	1.6g/cm^3	200	7.09

GREEN OXYGEN

- Colour coded green for oxygen applications. Grease free.
- For all oxygen lines. Will not support combustion

PART	SIZE	THICKNESS	DENSITY	CASE	LIST PRICE-A
TT260-OXY	1/2" x 260"	0.004" (4 mils)	1.2g/cm^3	200	5.02

GRAY STAINLESS STEEL

- Has nickel pigment colour added for use on all stainless steel fittings
- Prevents galling, seizing or corrosion. At 4 mils thick and a high density rating this is the tape for coarse stainless steel threads

PART	SIZE	THICKNESS	DENSITY	CASE	LIST PRICE-A
TT260-SS	1/2" x 260"	0.004" (4 mils)	1.2g/cm^3	200	4.70

WHITE PREMIUM HIGH DENSITY

- For all industrial applications. Made from 100% virgin PTFE (polytetrafluoroethylene).
- No pigments, no additives. May be used on all applications including water, oil, chemical, medical and food processing where non-contamination standards are high

PART	SIZE	THICKNESS	DENSITY	CASE	LIST PRICE-A
TT260-PHD	1/2" x 260"	0.0035" (3.5 mils)	1.2g/cm^3	200	4.04

BOSHART INDUSTRIES

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Fax: 1-519-595-4380 - www.boshart.com

BII INDUSTRIAL GRADE GRAY MAGIC PIPE THREAD COMPOUND

Gray Magic Industrial Grade Pipe Thread Compound is a slow drying, soft settling, non-hardening pipe thread compound. Recommended for on-site or assembly line work. For Sealing Threads On **ALL** types of metal, ideal for stainless steel threads which are more difficult to seal, also for sealing plastics including ABS, PVC, CPVC, Poly and Nylon Plastic Pipe Fittings.

Features:

- Specially Formulated For Production Line Usage
- Soft Set
- Grit Free
- Lead Free
- Low Odour
- Non-Toxic
- Heavy Duty Industrial Grade
- Will Not Harden In Can
- Temperature Ratings: -50°F(-45°C) to +400°F(204°C)

Recommended for:

Acids, Diluted *	Fatty Acids	Mineral Oils
Air, Compressed	Freons (All)	Natural Gas
Alkalis, Diluted *	Gasohol	Naphtha
Ammonia	Gasoline	Nitrogen Gas
Aliphatic Solvents	Glycol	Propane
Brine	Heating Oils	Refrigeration
Butane	Helium, Gaseous	Gases
Corrosives	Hydraulic Oils	Soap, Liquid
Carbon Dioxide	Hydrogen	Steam Lines
Castor Oils	Inert Gases	Sugar, Liquid
Chlorinated Water	Jet Fuel	Vegetable Oils
Coal Tar Naphtha	Kerosene	**Water (Potable)**
Cutting Oils	Lacquer	Water
Diesel Fuel Oil	L P Gases	Xylol

NSF

Standard 61 & 14
This compound is made with the highest quality materials, and is excellent for Potable Water Applications.
NSF 61 tests for Drinking Water System Components - Health Effects and NSF 14 tests end use applications that include potable water.

* Note: Dilute - cannot be greater than 10% concentration

Caution: Do not use Gray Magic for:
• Alcohol • Acetone • Caustic Alkali Strong Acids • Oxygen Systems.

NO LEAD LEAD-FREE

PART NO.	SIZE	QTY CASE	LIST PRICE-A
TS-GM02	2 Fl. Oz. Plastic Tube 59 ml	144	3.77
TS-GM04	1/4 Pint 4 Fl. Oz. 118 ml	24	11.24
TS-GM08	1/2 Pint 8 Fl. Oz. 237 ml	24	17.41
TS-GM16	1 Pint 16 Fl. Oz. 473 ml	12	27.15

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Fax: 1-519-595-4380 - www.boshart.com

NO LEAD LEAD-FREE

PLASTIC QUICK CONNECT FITTINGS

Plastic Quick Connect fittings are manufactured from safe, non-toxic, lead free materials. Designed for use in water systems, food & beverage service and pneumatic systems. These fittings provide a quick and convenient assembly solution saving time and expense. A wide range of fitting configurations are available for 1/4" and 3/8" O.D. PVC, Polyethylene, PEX, and Copper tubing. Manufactured using US FDA approved materials and products are tested and certified in accordance with ANSI/NSF-51 & 61-G standards.

FEATURES:

- White Acetal Copolymer fittings, highly durable and resistant to fatigue and creep
- Stainless steel gripper ring and NBR O-ring provide an instant leak proof connection
- Quick and easy installation, no crimp tools, adhesives or clamps required
- Fittings are removable and re-useable, the unique oval collet design provides an easy grip to assemble and disassemble without damage to tubing or fittings
- Light weight for easy handling at sites
- Excellent resistance to most organic compounds, industrial chemicals and gases
- Tubes supports are sold separately and are recommended for use with soft tubing and hot liquids.

RATINGS:

Max. Working Pressure @ Max. Working Temp.
170PSI @ 34°F 100PSI @ 150°F
1100kPa @ 1°C 700kPa @ 65°C

NSF Certified to NSF/ANSI 61-G

NO LEAD LEAD-FREE Third Party Certified to NSF / ANSI 372

ANSI Accredited Program PRODUCT CERTIFICATION

APPLICATIONS:

- POU installations, Water dispensing, Filtering systems, Food/Beverage service, Agricultural/Irrigation

COUPLINGS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/4	PQC-C04	10	300	2.18
3/8	PQC-C06	10	250	3.15
3/8 x 1/4	PQC-C0604	10	250	2.90

ELBOWS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/4	PQC-E04	10	300	2.18
3/8	PQC-E06	10	250	3.47

ELBOWS - TUBE OD x MPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/4 x 1/8	PQC-ME0402	10	300	1.92
1/4 x 1/4	PQC-ME0404	10	300	2.05
3/8 x 1/4	PQC-ME0604	10	250	2.76
3/8 x 3/8	PQC-ME0606	10	250	2.96

ADAPTERS - TUBE OD x FPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/4 x 1/4	PQC-FA0404	10	300	1.92

ADAPTERS - TUBE OD x MPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/4 x 1/8	PQC-MA0402	10	300	1.92
1/4 x 1/4	PQC-MA0404	10	300	1.92
1/4 x 3/8	PQC-MA0406	10	300	1.92
3/8 x 1/4	PQC-MA0604	10	250	2.83
3/8 x 3/8	PQC-MA0606	10	250	2.96
3/8 x 1/2	PQC-MA0608	10	250	3.15

ADAPTERS - TUBE OD x COMP

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/4 x 1/4	PQC-FA0404CP	10	400	1.92

TEES

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/4	PQC-T04	10	300	3.08
3/8	PQC-T06	10	250	3.80
3/8 x 3/8 x 1/4	PQC-T060604	10	250	3.54

SUPPLY VALVES

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/4	PQCSVS-04	10	300	8.93
1/4 x 1/4	PQCSVS-0404M	10	300	8.99
3/8	PQCSVS-06	10	300	9.53

LOCKING CLIP

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/4	PQC-LC04	10	200	0.27
3/8	PQC-LC06	10	200	0.27

TUBE SUPPORT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/4	PQC-TS04 *	10		0.32
3/8	PQC-TS06 *	10		0.32

NOTE: *** It is only recommnded to use a tube support with soft tubing and in hot liquid (150°F/65°C) applications**

TWISTLOC® FITTINGS

The twist and lock system combines push fit and compression fitting systems. They are designed for residential & commercial plumbing, and suitable for cold and hot potable water supply systems. **For use with potable water only.**

FEATURES:

- All white fittings with color coded rings for easy recognition of size
- Easy verification of coupling (lock/unlock) status at a distance
- Removable and re-useable without damage to plumbing or fittings
- Light weight for easy handling at sites
- No risk of flame or fire from a blowtorch
- No corrosion or scale deposits
- Low heat diffusion ensures safe surface temperature
- No lead, non toxic
- For tube sizes 1/8" (0.250" O.D.) 1/4" (0.375" O.D.), 3/8" (0.500" O.D.) 1/2" (0.625" O.D.) 3/4" (0.875" O.D.), 1" (1.125" O.D.)
- Integral tube support for PEX installations.

RATINGS:

Max. Working Pressure @ Max. Working Temp.
250PSI @ 73.4°F 150PSI @ 140°F 100PSI @ 180°F
1700kPa @ 23°C 1000kPa @ 60°C 690kPa @ 82.2°C

Fittings are tested and approved in accordance with:
CSA B125.1-2005
ASSE 1061-2006
ASME A112.87.1
NSF 14 & 61-G

COUPLINGS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
3/8	PTL-C03	10	150	5.02
1/2	PTL-C05	10	150	4.53
1/2 x 3/8	PTL-C0503	10	150	5.61
3/4	PTL-C07	10	100	6.22
3/4 x 1/2	PTL-C0705	10	100	7.90
1	PTL-C10	5	50	11.25
1 x 3/4	PTL-C1007	5	50	10.49

SLIP/REPAIR COUPLINGS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	PTL-SC05	5	50	10.47
3/4	PTL-SC07	5	50	15.12

CAPS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	PTL-CA05	10	150	4.26
3/4	PTL-CA07	10	100	5.21
1	PTL-CA10	5	50	7.06

ELBOWS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
3/8	PTL-E03	10	100	5.53
1/2	PTL-E05	10	100	4.95
3/4	PTL-E07	10	50	7.11
3/4 x 1/2	PTL-E0705	10	50	7.19
1	PTL-E10	5	25	11.17

ELBOW - CTS x GHT SWIVEL

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2 x 3/4	PTL-FSEGH	5	100	8.77

ELBOW - CTS x MPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	PTL-ME05	10	100	5.56

ADAPTERS - CTS x FPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
3/8 x 1/2	PTL-FA0305	10	100	5.04
1/2	PTL-FA05	10	100	6.13
1/2 x 3/4	PTL-FA0507	10	100	6.65
3/4	PTL-FA07	10	100	7.75
1	PTL-FA10	5	50	10.94

ADAPTERS - CTS x MPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
3/8 x 1/2	PTL-MA0305	10	100	5.29
1/2	PTL-MA05	10	150	5.57
1/2 x 3/4	PTL-MA0507	10	100	6.61
3/4	PTL-MA07	10	100	8.33
1	PTL-MA10	5	50	9.40

TUBE SUPPORT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/8	PTL-S01	25	500	0.35
1/4	PTL-S02	25	500	0.35
3/8	PTL-S03	25	500	0.35
1/2	PTL-S05	25	400	0.38
3/4	PTL-S07	25	400	0.43
1	PTL-S10	25	300	0.47

TEES

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
3/8	PTL-T03	10	50	6.07
1/2	PTL-T05	10	50	6.71
1/2 x 1/2 x 1/8	PTL-T050501	10	50	10.32
3/4	PTL-T07	10	50	9.23
3/4 x 1/2 x 1/2	PTL-T070505	10	50	9.71
3/4 x 3/4 x 1/2	PTL-T070705	10	50	10.17
1	PTL-T10	5	25	17.41
1 x 1 x 3/4	PTL-T101007	5	25	16.16

SUPPLY VALVES - ANGLE

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2 x 1/4	PTLSVA-0502	5	100	13.35

SUPPLY VALVES - STRAIGHT

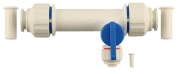
SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
3/8	PTLSVS-03	5	50	12.75
1/2	PTLSVS-05	5	50	14.53
1/2 x 1/8	PTLSVS-0501	5	50	14.33
3/4	PTLSVS-07	5	25	18.46

DROP EAR ELBOW - CTS x FPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	PTL-DE05	10	100	8.00

TEE VALVE

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2 x 1/8	PTLSCTV-0501	5	25	17.42
1/2 x 1/4	PTLSCTV-0502	5	25	18.84



VALVE ADAPTER - DUAL OUTLET

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
3/8 x 1/8	PTLVA-0301	5	50	12.64
3/8 x 1/4	PTLVA-0302	5	50	13.61
1/2 x 1/8	PTLVA-0501	5	50	14.06
1/2 x 1/4	PTLVA-0502	5	50	15.02

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Fax: 1-519-595-4380 - www.boshart.com

NO LEAD LEAD-FREE

NO LEAD BRASS PUSH FIT VALVES AND FITTINGS

APPLICATIONS:

- Potable Water and Hydronic heating systems - approved for use for both underground and behind walls with/without access panels.
- New residential and commercial construction - a fast easy way to plumb jobs.
- Excellent for wet, hazardous and dry repairs of existing plumbing. Excellent for wet repairs where a system is hard to drain making soldering difficult with no drying time required, a safe method to repair piping in hard to access situations where open flame could be a fire hazard for soldering.

FEATURES:

- Connects Copper, CPVC and PEX pipe in any combination.
- For tube sizes 3/8" (0.500" O.D.) 3/4" (0.875" O.D.), 1" (1.125" O.D.)
- Full fluid flow (without stiffener inserts).
- Fittings can be rotated after assembly for easier installation in tight spaces - No tools required.
- No soldering, flux, clamps, unions or glue.
- High quality materials including Stainless Steel Gripper ring and EPDM O-ring.
- Integral tube support for PEX installations.
- Easy to disconnect if needed by using a special disconnect tool.

RATINGS:

Max. Working Pressure @ Max. Working Temp.
200 PSI @ 200°F - Water
1378kPa @ 93°C - Water

Fittings are tested and approved in accordance with:
ASSE 1061-2006
NSF 61 & 372

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

FULL PORT BALL VALVES

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	082PF-05NL	10	120	13.63
3/4	082PF-07NL	10	60	20.85
1	082PF-10NL	6	30	33.34

FULL PORT BALL VALVES W/DRAIN

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	082PF-05WDNL	10	120	15.21
3/4	082PF-07WDNL	10	60	23.07
1	082PF-10WDNL	6	30	35.55

COUPLINGS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
3/8	BPF-C03NL	12	120	5.01
1/2	BPF-C05NL	12	120	5.20
1/2 x 3/8	BPF-C0503NL	12	120	5.39
3/4	BPF-C07NL	6	60	6.91
3/4 x 1/2	BPF-C0705NL	6	60	6.73
1	BPF-C10NL	6	30	13.82
1 x 3/4	BPF-C1007NL	6	30	12.87

POLY-BUTYLENE CONVERSION COUPLINGS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	BPF-PBC05NL	12	120	5.33
3/4	BPF-PBC07NL	12	120	7.10

TEST CAPS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	BPF-CA05NL	12	120	3.30
3/4	BPF-CA07NL	6	60	4.95
1	BPF-CA10NL	6	30	8.11

DROP EAR ELBOWS - CTS x FPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	BPF-DE05NL	12	120	9.26
3/4 x 1/2	BPF-DE0705NL	6	60	10.97

ELBOWS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
3/8	BPF-E03NL	12	120	6.47
1/2	BPF-E05NL	12	120	7.23
3/4	BPF-E07NL	6	60	10.20
3/4 x 1/2	BPF-E0705NL	6	60	10.08
1	BPF-E10NL	6	30	20.16

ELBOWS - CTS x FPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	BPF-FE05NL	12	120	7.54
3/4	BPF-FE07NL	6	60	10.52

ELBOWS - CTS x MPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	BPF-ME05NL	12	120	6.53
3/4	BPF-ME07NL	6	60	10.71

ADAPTERS - CTS x FPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
3/8	BPF-FA03NL	12	120	4.56
1/2	BPF-FA05NL	12	120	4.95
1/2 x 3/4	BPF-FA0507NL	6	60	7.48
3/4	BPF-FA07NL	6	60	7.54
1	BPF-FA10NL	6	30	12.17

ADAPTERS - CTS x MPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
3/8	BPF-MA03NL	12	120	4.44
1/2	BPF-MA05NL	12	120	4.88
1/2 x 3/4	BPF-MA0507NL	6	60	7.10
3/4	BPF-MA07NL	6	60	7.17
1	BPF-MA10NL	6	30	12.93

TEES

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
3/8	BPF-T03NL	12	60	8.31
1/2	BPF-T05NL	12	60	10.52
3/4	BPF-T07NL	12	60	15.53
3/4 x 1/2 x 1/2	BPF-T070505NL	12	60	13.88
3/4 x 1/2 x 3/4	BPF-T070507NL	12	60	15.72
3/4 x 3/4 x 1/2	BPF-T070705NL	12	60	15.72
1	BPF-T10NL	6	30	26.93
1 x 1 x 3/4	BPF-T101007NL	6	30	25.22

TUBE SUPPORT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	BPF-S05	10	500	0.27
3/4	BPF-S07	10	500	0.33
1	BPF-S10	10	200	0.53

DISCONNECT TOOLS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	BPF-D05	10	500	0.14
3/4	BPF-D07	10	500	0.20
1	BPF-D10	10	200	0.33

NO LEAD BRASS PUSH FIT VALVES AND FITTINGS (cont'd)

STRAIGHT SUPPLY (STOP) VALVES - 1/4 TURN

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	08SVS-05PFNL	20	240	9.83

ANGLE SUPPLY (STOP) VALVES - 1/4 TURN

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	08SVA-05PFNL	20	240	10.08
1/2	08SVA-05PF02CPNL	20	240	10.27

TEE SUPPLY (STOP) VALVES - 1/4 TURN

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	08SVT-05PFNL	10	120	12.43
1/2	08SVT-05PF02CPNL	10	120	12.23

REPAIR COUPLINGS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	BPF-SC05NL	2	60	10.20
3/4	BPF-SC07NL	2	30	15.27

FLEXIBLE REPAIR COUPLINGS - CTS x CTS

- Flexible 12" braided stainless steel EPDM hose

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	BPF-FRC05NL	5	25	18.07
3/4	BPF-FRC07NL	5	25	21.17

WATER CONNECTORS - CTS x FPT

- Flexible 18" braided stainless steel EPDM hose
- Female threaded swivel nut on one end for easy connection to water appliances or faucets with a male NPT connection

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	BPF-WC05-18	5	25	18.19
1/2 x 3/4	BPF-WHC0507-18	5	25	19.33
3/4	BPF-WHC07-18	5	25	20.72

WATER CONNECTORS W/VALVE - CTS x FPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2 x 3/4	BPF-WHCV0507-18	5	25	29.65
3/4	BPF-WHCV07-18	5	25	37.96

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POLY-ALLOY CRIMP PEX FITTINGS

FEATURES:
- Designed for use in ASTM F2159 PEX cold and hot water distribution systems
- For use with SDR9 PEX tubing utilizing a crimp ring system
- Poly-Alloy material provides resistance to chemicals and in corrosive/aggressive water conditions
- Integral locating tabs to ensure tubing and fitting are installed properly and eliminates faulty crimp connections

SPECIFICATIONS:
- Max Pressure Rating: 100 PSI
- Max Temperature Rating: 180°F (82°C)
- Solvay Acudel®PPSU Polyphenylsulfone Polymer

CERTIFICATIONS:
- cUPC Standard ASTM F877 / F2159 & CSA B137.5 Certified
- NSF/ANSI Standard 14 & 372 Certified
- Material complies with NSF/ANSI Standard 61

COUPLINGS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710P-C05	25	750	0.61
3/4	710P-C07	25	300	1.03
3/4 x 1/2	710P-C0705	25	500	0.75
1	710P-C10	10	200	2.39
1 x 1/2	710P-C1005	10	200	1.99
1 x 3/4	710P-C1007	10	200	2.05

ELBOWS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710P-E05	25	600	0.84
3/4	710P-E07	25	250	1.58
3/4 x 1/2	710P-E0705	25	200	1.32
1	710P-E10	10	160	3.47

SWIVEL FEMALE ELBOW - PEX x FPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710P-FE05S	25	250	2.28

WINGNUT SWIVEL FEMALE ELBOW - PEX x FPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710P-FE05SW	25	250	2.28

MALE ELBOWS - PEX x MPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710P-ME05	25	300	1.50
3/4	710P-ME07	25	200	2.09
3/4 x 1/2	710P-ME0705	25	200	1.59

SWIVEL FEMALE ADAPTERS - PEX x FPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710P-FA05S	25	400	1.77
3/4	710P-FA07S	25	200	2.19

MALE ADAPTERS - PEX x MPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710P-MA05	25	450	1.25
1/2 x 3/4	710P-MA0507	25	300	1.55
3/4	710P-MA07	25	250	1.79
3/4 x 1/2	710P-MA0705	25	300	1.63
1	710P-MA10	10	140	3.29

PLUGS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710P-P05	25	1000	0.73
3/4	710P-P07	25	750	0.87
1	710P-P10	25	500	1.70

TEES

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710P-T05	25	300	1.21
1/2 x 1/2 x 3/4	710P-T050507	25	300	1.59
3/4	710P-T07	25	200	2.10
3/4 x 1/2 x 1/2	710P-T070505	25	300	1.54
3/4 x 1/2 x 3/4	710P-T070507	25	250	1.79
3/4 x 3/4 x 1/2	710P-T070705	25	250	1.62
3/4 x 3/4 x 1	710P-T070710	10	100	3.17
1	710P-T10	10	100	5.01
1 x 3/4 x 3/4	710P-T100707	10	100	4.23
1 x 3/4 x 1	710P-T100710	10	100	4.69
1 x 1 x 1/2	710P-T101005	10	100	4.23
1 x 1 x 3/4	710P-T101007	10	100	4.23

MALE TEE

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710P-MT05	10	180	1.61

COPPER CRIMP RINGS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	720P-CR05	100	1000	0.29
3/4	720P-CR07	100	500	0.40
1	720P-CR10	50	250	0.51

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POLY-ALLOY COLD EXPANSION PEX FITTINGS

FEATURES:
- Designed for use in ASTM F1960 Cold Expansion PEX cold and hot water distribution systems
- For use with SDR9 PEX tubing utilizing a PEX expansion ring system
- Larger internal diameter in the fittings providing maximum water flow
- Poly-Alloy material provides resistance to chemicals and in corrosive/aggressive water conditions
- Integral locating tabs to ensure tubing and fitting are installed properly and eliminates faulty connections
- No crimp, expansion connection method provides a positive and leak free connection

SPECIFICATIONS:
- Max Pressure Rating: 100 PSI
- Max Temperature Rating: 180°F (82°C)
- Solvay Acudel®PPSU Polyphenylsulfone Polymer

CERTIFICATIONS:
- cUPC Standard ASTM F877 / F1960 & CSA B137.5 Certified
- NSF/ANSI Standard 14 & 372 Certified
- Material complies with NSF/ANSI Standard 61

COUPLINGS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710CEP-C05	25	500	1.14
3/4	710CEP-C07	25	250	1.78
3/4 x 1/2	710CEP-C0705	25	300	1.61
1	710CEP-C10	10	100	3.41
1 x 3/4	710CEP-C1007	10	100	3.54

ELBOWS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710CEP-E05	25	300	1.52
3/4	710CEP-E07	25	150	2.49
1	710CEP-E10	10	60	5.28

SWIVEL FEMALE ELBOW - PEX x FPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710CEP-FE05S	25	250	2.93

MALE ELBOWS - PEX x MPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710CEP-ME05	25	300	3.63

SWIVEL FEMALE ADAPTERS - PEX x FPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710CEP-FA05S	25	300	2.51

MALE ADAPTERS - PEX x MPT

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710CEP-MA05	25	375	1.58
1/2 x 3/4	710CEP-MA0507	25	250	1.84
3/4	710CEP-MA07	25	200	2.61
1	710CEP-MA10	10	100	4.97

PLUGS

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710CEP-P05	25	750	1.02
3/4	710CEP-P07	25	500	1.42
1	710CEP-P10	10	180	2.36

TEES

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2	710CEP-T05	25	250	1.92
1/2 x 1/2 x 3/4	710CEP-T050507	25	200	2.54
3/4	710CEP-T07	25	100	3.41
3/4 x 1/2 x 1/2	710CEP-T070505	25	100	3.05
3/4 x 1/2 x 3/4	710CEP-T070507	25	100	3.05
3/4 x 3/4 x 1/2	710CEP-T070705	25	100	3.05
1	710CEP-T10	10	60	6.89
1 x 3/4 x 3/4	710CEP-T100707	10	60	6.39
1 x 3/4 x 1	710CEP-T100710	10	60	7.70
1 x 1 x 1/2	710CEP-T101005	10	60	6.52
1 x 1 x 3/4	710CEP-T101007	10	60	7.64

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SECTION 4
INSERT FITTINGS, PLASTIC FITTINGS, CLAMPS

PRODUCT LINE **PAGE**

METAL INSERT FITTINGS

No Lead Bronze Adapters 1

#304 Stainless Steel Male Adapters 2

No Lead Bronze Insert Couplings 3

#304 Stainless Steel Couplings 3

No Lead Bronze Insert Elbows 3

#304 Stainless Steel Elbows 4

Hydrant / Combination Elbows and Tees 4

No Lead Bronze Insert Tees 5

#304 Stainless Steel Tees 5

Zinc Plated Steel Adapters, Couplings 6

Venturi Adapters, Elbows 7

Combination Nipples and Hose Menders 7

PLASTIC FITTINGS

Nylon Fittings 9

PVC Fittings 10

Pool and Spa Fittings 13

Polypropylene Fittings 14

PVC Compression Fittings 15

PVC Sched 40 Fittings 17

PVC Sched 80 Fittings 21

Sched 80 Nipples 25

CLAMPS

Stainless Steel Clamps, Series 87 27

Stainless Steel Clamps, Series 67 28

Stainless Steel Clamps, Series 77 29

Stainless Steel Clamps, Series 2-87 30

Stainless Steel Clamps, Series 2-67 31

Stainless Steel Clamps, Series 2-77 32

FLEXIBLE COUPLINGS

Flexible Couplings 33

Flexible End Caps 34

Flexible Elbows and Tees 34

Flexible Plumbing Connectors 35

Shielded Transition Couplings 35

No Hub Couplings 35

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NO LEAD BRONZE ADAPTERS

MALE ADAPTERS

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BMA-050NL	1/2" MPT X 1/2" INS	5	10	200	8.28
BMA-075NL	3/4" MPT X 3/4" INS	6	10	200	11.01
BMA-100NL	1" MPT X 1" INS	7	10	100	14.78
BMA-125NL	1-1/4" MPT X 1-1/4" INS	7	10	100	21.77
BMA-150NL	1-1/2" MPT X 1-1/2" INS	7	10	60	27.80
BMA-200NL	2" MPT X 2" INS	7	5	40	48.20

MALE ADAPTERS - EXTRA LONG

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BMAXL-100NL	1" MPT X 1" INS	13	10	80	20.83
BMAXL-125-100NL	1-1/4" MPT X 1" INS	13	5	60	24.80
BMAXL-125NL	1-1/4" MPT X 1-1/4" INS	13	5	60	27.07
BMAXL-150NL	1-1/2" MPT X 1-1/2" INS	13	5	30	35.31
BMAXL-200NL	2" MPT X 2" INS	13	5	30	50.53

MALE ADAPTERS - TAPPED

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BMA-100-TNL	1" MPT X 1" INS - 1/4" TAPPED	7	10	100	14.78

See Section 6 - Pressure gauge sold separately

MALE REDUCING ADAPTERS - (MPT X INS)

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BMA-075-050NL	3/4" MPT X 1/2" INS	6	10	100	12.06
BMA-100-075NL	1" MPT X 3/4" INS	6	10	100	16.93
BMA-125-100NL	1-1/4" MPT X 1" INS	7	10	100	19.29
BMA-150-125NL	1-1/2" MPT X 1-1/4" INS	7	6	60	34.68
BMA-200-150NL	2" MPT X 1-1/2" INS	7	6	48	45.82

MALE INCREASING ADAPTERS - (MPT X INS)

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BMA-050-075NL	1/2" MPT X 3/4" INS	6	10	100	9.12
BMA-075-100NL	3/4" MPT X 1" INS	7	10	100	13.56
BMA-100-125NL	1" MPT X 1-1/4" INS	7	10	80	20.02
BMA-100-150NL	1" MPT X 1-1/2" INS	7	10	60	23.10
BMA-125-150NL	1-1/4" MPT X 1-1/2" INS	7	10	80	22.25

MALE ADAPTERS - EASY TIE

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BMA-100-ETNL	1" MPT X 1" INS	7	10	80	18.65
BMA-125-ETNL	1-1/4" MPT X 1-1/4" INS	7	5	60	24.32
BMAXL-125-100ETNL	1-1/4" MPT X 1" INS	13	5	60	27.17

MALE ADAPTERS - UNION

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
U-075NL	3/4" MPT X 3/4" INS	6	10	80	22.19
U-100NL	1" MPT X 1" INS	7	5	60	35.34
U-125NL	1-1/4" MPT X 1-1/4" INS	7	5	40	51.44

FEMALE ADAPTERS

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
FA-075NL	3/4" FPT X 3/4" INS	5	10	100	11.70
FA-100-125NL	1" FPT X 1-1/4" INS	6	10	100	22.96
FA-100NL	1" FPT X 1" INS	5	10	100	18.16
FA-125NL	1-1/4" FPT X 1-1/4" INS	7	10	100	22.60
FA-150NL	1-1/2" FPT X 1-1/2" INS	6	5	50	26.91

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NO LEAD BRONZE ADAPTERS (cont'd)

FEMALE UNION ADAPTERS

- Union connectors for easy installation of inlet line (pump) and discharge (house)
- Available in barbed (poly pipe) and solder configurations
- Insert, pex and solder connections available. The solder connection is designed for 1" Type L copper pipe only (external) and 3/4" Type K,L & M copper pipe (internal)
- American Standard BUNA N O-ring used to ensure watertight connection
- Replacement O-rings available

PART NO.	UNION NUT CONNECTS TO	UNION CONNECTIONS NUT x PIPE	O-RING SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
07-UC10-BNL	1" MPT	1" FPT x 1" INS - 7 Barbs	AS568-212	32	128	20.12
07-UC10-P07NL	1" MPT	1" FPT x 3/4" PEX	AS568-212	50	200	13.21
07-UC10-P10NL	1" MPT	1" FPT x 1" PEX	AS568-212	40	160	15.06
07-UC10-SNL	1" MPT	1" FPT x 1" Spigot x 3/4" Socket	AS568-212	40	160	14.32
07-UC12-B10NL	1-1/4" MPT	1-1/4" FPT x 1" INS - 7 Barbs	AS568-320	18	72	29.29
07-UC12-BNL	1-1/4" MPT	1-1/4" FPT x 1-1/4" INS - 7 Barbs	AS568-320	18	72	29.65
07-UC12-P07NL	1-1/4" MPT	1-1/4" FPT x 3/4" PEX	AS568-320	36	144	18.00
07-UC12-P10NL	1-1/4" MPT	1-1/4" FPT x 1" PEX	AS568-320	24	96	19.07
07-UC12-SNL	1-1/4" MPT	1-1/4" FPT x 1" Spigot x 3/4" Socket	AS568-320	30	120	18.45

07-UC12-BNL

07-UC10-P07NL

07-UC10-SNL

The solder connection is designed for 1" copper pipe (external) Type L only 3/4" copper pipe (internal) Type K, L & M

NO LEAD SWAGED RED BRASS MALE ADAPTERS

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
MAB-050	1/2" MPT X 1/2" INS	6	25	200	7.24
MAB-075	3/4" MPT X 3/4" INS	6	25	150	9.97
MAB-100	1" MPT X 1" INS	7	20	120	13.28
MAB-125	1-1/4" MPT X 1-1/4" INS	7	20	80	22.81
MAB-150	1-1/2" MPT X 1-1/2" INS	9	10	60	31.27
MAB-200	2" MPT X 2" INS	9	10	40	41.47
MAB-250	2-1/2" MPT X 2-1/2" INS	11	5	20	82.78
MAB-300	3" MPT X 3" INS	11	3	12	120.62
MAB-400	4" MPT X 4" INS	15	6		223.90

#304 STAINLESS STEEL ADAPTERS

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

MALE ADAPTERS

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
SSMA-050	1/2" MPT X 1/2" INS	6	25	200	6.90
SSMA-075	3/4" MPT X 3/4" INS	6	25	200	9.72
SSMA-075-100	3/4" MPT x 1" INS	6	20	120	12.31
SSMA-100	1" MPT X 1" INS	7	20	120	15.30
SSMA-125-100	1-1/4" MPT X 1" INS	7	20	80	17.64
SSMA-125	1-1/4" MPT X 1-1/4" INS	7	20	80	19.75
SSMA-150	1-1/2" MPT X 1-1/2" INS	6	10	80	26.05
SSMA-200	2" MPT X 2" INS	7	5	40	34.38

MALE ADAPTERS - EXTRA LONG

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
SSMAXL-100	1" MPT X 1" INS	13	20	80	20.95
SSMAXL-125	1-1/4" MPT X 1-1/4" INS	13	10	60	24.37
SSMAXL-125-100	1-1/4" MPT X 1" INS	13	10	60	22.17

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#304 STAINLESS STEEL ADAPTERS (cont'd)

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

MALE ADAPTERS - SWAGED

PART NO.	SIZE INCH	LENGTH INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
MASS-050	1/2"	3-1/8"	6	25	200	5.94
MASS-050-075	1/2" MPT x 3/4"	3-1/4"	6	10	180	6.95
MASS-075	3/4"	3-1/4"	6	25	150	6.01
MASS-100	1"	3-1/2"	7	20	120	10.03
MASS-125	1-1/4"	3-7/8"	7	20	80	11.75
MASS-125-100	1-1/4" MPT x 1"	3-3/4"	7	20	80	13.58
MASS-150	1-1/2"	4-1/4"	9	10	60	18.22
MASS-200	2"	4-3/8"	9	10	40	24.02

FEMALE ADAPTERS - SWAGED

PART NO.	SIZE INCH	LENGTH INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
FASS-075	3/4"	3-1/8"	6	25	150	8.40
FASS-100	1"	3-3/8"	7	20	120	13.23
FASS-125	1-1/4"	3-5/8"	7	20	80	15.97
FASS-150	1-1/2"	3-7/8"	9	10	60	21.67
FASS-200	2"	4-1/4"	9	10	40	28.36

NO LEAD BRONZE INSERT COUPLINGS - CAST

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
C-075NL	3/4" INS X 3/4" INS	4	10	200	11.04
C-100NL	1" INS X 1" INS	5	10	100	17.60
C-125NL	1-1/4" INS X 1-1/4" INS	6	10	100	24.85

NO LEAD SWAGED RED BRASS INSERT COUPLINGS

Machined from 85% Copper Alloy No. C23000 Seamless Brass Pipe

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
CB-050	1/2" INS X 1/2" INS	6	25	250	5.23
CB-075	3/4" INS X 3/4" INS	6	25	150	8.65
CB-100	1" INS X 1" INS	7	20	120	12.95
CB-125	1-1/4" INS X 1-1/4" INS	7	20	80	19.04
CB-150	1-1/2" INS X 1-1/2" INS	9	10	60	32.49
CB-200	2" INS X 2" INS	9	10	40	43.71
CB-250	2-1/2" INS X 2-1/2" INS	11	5	20	74.13
CB-300	3" INS X 3" INS	11	5	12	122.04

#304 STAINLESS STEEL INSERT COUPLINGS

PART NO.	SIZE INCH	LENGTH INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
CSS-050	1/2"	3-1/2"	6	25	200	4.84
CSS-075	3/4"	3-1/2"	6	25	150	5.74
CSS-075-050	3/4" x 1/2"	3-5/8"	6	25	150	7.90
CSS-100	1	3-7/8"	7	20	120	11.29
CSS-100-075	1" x 3/4"	4"	7 x 6	20	120	12.48
CSS-125	1-1/4"	3-7/8"	7	20	80	11.82
CSS-125-100	1-1/4" x 1"	4-1/4"	7	20	80	14.12
CSS-150	1-1/2"	4-3/4"	9	10	60	20.04
CSS-150-125	1-1/2" x 1-1/4"	4-3/4"	9 x 7	10	60	21.42
CSS-200	2"	4-3/4"	9	10	40	29.17
CSS-200-150	2" x 1-1/2"	4-7/8"	9	10	40	31.19

NO LEAD BRONZE INSERT ELBOWS - CAST

• These elbows have been designed with a smooth 90 degree sweep water channel which minimizes friction loss, ensuring the highest possible flow rates and increased pumping efficiency.

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
ELB-075NL	3/4" INS X 3/4" INS	6	10	100	15.66
ELB-100NL	1" INS X 1" INS	6	10	100	25.32
ELB-125NL	1-1/4" INS X 1-1/4" INS	6	5	50	37.90

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NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

#304 STAINLESS STEEL INSERT ELBOWS - CAST

• These elbows have been designed with a smooth 90 degree sweep water channel which minimizes friction loss, ensuring the highest possible flow rates and increased pumping efficiency.

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	CASE	LIST PRICE-A
SSEL-075	3/4" INS X 3/4" INS	6	20	160	9.37
SSEL-100	1" INS X 1" INS	7	12	96	13.58
SSEL-100-075	1" INS X 3/4" INS	7 x 6	12	96	12.43
SSEL-125	1-1/4" INS X 1-1/4" INS	7	8	64	22.83
SSEL-150	1-1/2" INS X 1-1/2" INS	9	8	32	32.88

NO LEAD BRONZE HYDRANT ELBOWS - CAST

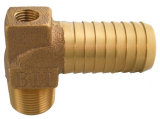
HYDRANT ELBOWS

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	CASE	LIST PRICE-A
HL-075NL	3/4" MPT X 3/4" INS	5	10	100	15.62
HL-075-100NL *	3/4" MPT X 1" INS	6	10	100	20.00
HLXL-075-100NL **	3/4" MPT X 1" INS	8	10	100	20.78
HL-075-125NL	3/4" MPT X 1-1/4" INS	6	10	50	31.50
HL-100-125NL *	1" MPT X 1-1/4" INS	6	5	50	33.53
HL-100NL	1" MPT X 1" INS	5	10	100	23.04
HLXL-100NL **	1" MPT X 1" INS	8	10	100	25.66
HLU-NL	3/4" MPT X (1-1/4" X 1") INS	6	5	50	39.03
HLW-NL	1" MPT X (1-1/4" X 1") INS	6	5	50	39.46

* These hydrant elbows do not have the raised boss as shown in the picture.
** These hydrant elbows have been manufactured with 8 serrations to allow for double clamping of the poly pipe, and have been redesigned to have a smooth 90 degree sweep elbow water channel which minimizes friction loss and allows your yard hydrant to perform to its full potential flow rate.

HYDRANT ELBOWS - TAPPED

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	CASE	LIST PRICE-A
HL-075-100-TNL	3/4" MPT X 1" INS - 1/4" TAPPED	6	10	100	20.15
HL-100-TNL	1" MPT X 1" INS - 1/4" TAPPED	5	10	80	23.20
HLXL-100-TNL *	1" MPT X 1" INS	8	10	100	29.45



* These elbows are tapped for pressure gauges or the installation of other applicable acessories, the 8 serrations for additional clamping area, and have been redesigned with a smooth 90 degree sweep elbow water channel which minimizes friction loss and allows your system to perform to its full potenial flow rate.

#304 STAINLESS STEEL HYDRANT ELBOWS - CAST

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

• These hydrant elbows have been designed with a smooth 90 degree sweep water channel which minimizes friction loss, ensuring the highest possible flow rates and increased pumping efficiency.
• These hydrant elbows have a raised boss that will accommodate a 1/4" FPT tapping to allow the installation of a pressure gauge or other applicable accessories.

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	CASE	LIST PRICE-A
SSHL-075	3/4" MPT X 3/4" INS	6	16	192	10.30
SSHL-075-100	3/4" MPT X 1" INS	7	16	128	11.34
SSHL-100	1" MPT X 1" INS	7	10	80	15.14
SSHL-100-125	1" MPT X 1-1/4" INS	7	10	80	19.98
SSHL-125	1-1/4" MPT x 1-1/4" INS	7	12	72	23.11

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NO LEAD BRONZE COMBINATIONS ELBOWS

MALE

• These elbows have been designed with a smooth 90 degree sweep water channel which minimizes friction loss, ensuring the highest possible flow rates and increased pumping efficiency.

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BME-075-100NL	3/4" MPT X 1" INS	7	10	100	18.99
BME-075NL	3/4" MPT X 3/4" INS	6	10	100	14.45
BME-100NL	1" MPT X 1" INS	7	10	80	23.93
BME-125NL	1-1/4" MPT X 1-1/4" INS	7	5	60	36.79
BME-150NL	1-1/2" MPT X 1-1/2" INS	7	5	40	48.15

FEMALE

• These elbows have been designed with a smooth 90 degree sweep water channel which minimizes friction loss, ensuring the highest possible flow rates and increased pumping efficiency.

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BFE-075NL	3/4" FPT X 3/4" INS	6	10	100	15.48
BFE-100NL	1" FPT X 1" INS	7	10	60	26.68
BFE-125NL	1-1/4" FPT X 1-1/4" INS	7	5	50	40.18

NO LEAD BRONZE INSERT TEES - CAST

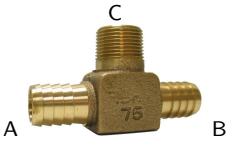
PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
TE-075NL	3/4" INS X 3/4" INS X 3/4" INS	5	10	100	19.57
TE-100NL	1" INS X 1" INS X 1" INS	6	10	100	29.66
TE-125NL	1-1/4" INS X 1-1/4" INS X 1-1/4" INS	6	5	50	45.59

#304 STAINLESS STEEL INSERT TEES - CAST

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
SSTE-075	3/4" INS X 3/4" INS X 3/4" INS	6	12	96	13.79
SSTE-100	1" INS X 1" INS X 1" INS	7	12	96	19.36
SSTE-100-075	1" INS X 1" INS X 3/4" INS	7 x 6	12	96	17.74
SSTE-125	1-1/4" INS X 1-1/4" INS X 1-1/4" INS	7	7	56	31.43
SSTE-150	1-1/2" INS X 1-1/2" INS X 1-1/2" INS	9	4	16	48.03

NO LEAD BRONZE HYDRANT TEES

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
HT-075NL	3/4" INS X 3/4" INS X 3/4" MPT	4	10	100	18.71
HT-075-100NL	1" INS X 1" INS X 3/4" MPT	6	10	100	24.05
HT-075-125NL	1-1/4" INS X 1-1/4" INS X 3/4" MPT	7	10	50	37.79
HT-100NL	1" INS X 1" INS X 1" MPT	4	10	100	26.09
HT-100-125NL	1-1/4" INS X 1-1/4" INS X 1" MPT	7	5	50	42.18



A x B x C
(Part No, Sequence)

#304 STAINLESS STEEL HYDRANT TEES - CAST

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
SSHT-075	3/4" INS X 3/4" INS X 3/4" MPT	6	10	120	15.20
SSHT-075-100	1" INS X 1" INS X 3/4" MPT	6	8	96	18.34
SSHT-100	1" INS X 1" INS X 1" MPT	7	8	64	21.90

NO LEAD BRONZE FEMALE COMBINATION TEES

PART NO.	SIZE INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BFT-075-100NL	1" INS X 1" INS X 3/4" FPT	7	10	80	32.21
BFT-075NL	3/4" INS X 3/4" INS X 3/4" FPT	6	10	100	21.05
BFT-100NL	1" INS X 1" INS X 1" FPT	7	10	60	37.29
BFT-125NL	1-1/4" INS X 1-1/4" INS X 1-1/4" FPT	7	5	40	50.91

A x B x C
(Part No, Sequence)

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NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

NO LEAD ZINC PLATED STEEL MALE INSERT ADAPTERS

MALE ADAPTERS

PART NO.	SIZE INCH	LENGTH INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
MAS-050NL	1/2"	3"	6	25	200	1.69
MAS-075NL	3/4"	3-1/8"	6	25	150	2.05
MAS-100NL	1"	3-1/4"	7	20	120	2.97
MAS-125NL	1-1/4"	3-1/2"	7	20	80	4.03
MAS-150NL	1-1/2"	4"	9	10	60	5.26
MAS-200NL	2"	4"	9	10	40	7.63
MAS-250NL	2-1/2"	5-3/4"	11	4	24	18.70
MAS-300NL	3"	6"	11	4	16	21.15
MAS-400NL	4"	7-1/4"	15	2	12	32.56

MALE ADAPTERS - EXTRA LONG

PART NO.	SIZE INCH	LENGTH INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
MASXL-100NL	1"	5"	13	20	80	3.87
MASXL-125NL	1-1/4"	5-1/2"	14	10	60	5.21

MALE ADAPTERS - INCREASING AND DECREASING

PART NO.	SIZE INCH	LENGTH INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
MAS-100-125NL	1" MPT x 1-1/4"	3-3/4"	7	10	80	4.40
MAS-125-100NL	1-1/4" MPT x 1"	3-7/8"	7	20	80	5.24

NO LEAD ZINC PLATED STEEL INSERT COUPLINGS

PART NO.	SIZE INCH	LENGTH INCH	NO.OF BARBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
CS-050NL	1/2"	3-1/2"	6	25	200	1.64
CS-075NL	3/4"	3-1/2"	6	25	150	2.24
CS-100NL	1"	3-7/8"	7	20	120	2.94
CS-125NL	1-1/4"	3-7/8"	7	20	80	5.17
CS-150NL	1-1/2"	4-3/4"	9	10	60	5.99
CS-200NL	2"	4-3/4"	9	10	40	8.19
CS-250NL	2-1/2"	7"	11	5	20	21.49
CS-300NL	3"	7"	11	4	12	25.72
CS-400NL	4"	9"	15	2	8	36.80

NO LEAD RED BRASS VENTURI ADAPTERS

PART NO.	SIZES NPT	SIZES POLY	LENGTH	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BVA-100-06	1" M	1" P	6"	5	50	23.01
BVA-100-10	1" M	1" P	10"	5	40	34.75
BVA-125-06	1-1/4" M	1-1/4" P	6"	5	30	32.12
BVA-125-10	1-1/4" M	1-1/4" P	10"	5	30	49.45

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

NO LEAD RED BRASS VENTURI ELBOWS

PART NO.	SIZE POLY	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BVE-100	1" P	5	30	56.34
BVE-125	1-1/4" P	5	15	98.57

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

ZINC PLATED STEEL VENTURI ADAPTERS

PART NO.	SIZES NPT	SIZES POLY	LENGTH	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
GVA-100-06NL	1" M	1" P	6"	60		7.21
GVA-100-10NL	1" M	1" P	10"	40		9.65
GVA-125-06NL	1-1/4" M	1-1/4" P	6"	40		10.21
GVA-125-10NL	1-1/4" M	1-1/4" P	10"	30		14.21

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

ZINC PLATED STEEL VENTURI ELBOWS

PART NO.	SIZE POLY	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
GVE-100NL	1" P	25		18.46
GVE-125NL	1-1/4" P	20		21.37

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

COMBINATION NIPPLES AND HOSE MENDERS

Note: For use with hose, not polyethylene pipe. For pricing, please see Section 3.

NO LEAD LEAD-FREE

ZINC PLATED STEEL PART NO.	BLACK PART NO	SIZE	NO. OF BARBS	LENGTH	CTN QTY
COMBINATION NIPPLES					
GCN-050	BLCN-050	1/2	6	3 1/8	25
GCN-075	BLCN-075	3/4	6	3 1/8	25
GCN-100	BLCN-100	1	6	3 3/8	20
GCN-125	BLCN-125	1 1/4	6	3 1/4	20
GCN-150	BLCN-150	1 1/2	7	4 1/8	10
GCN-200	BLCN-200	2	8	4 3/4	10
GCN-250	BLCN-250	2 1/2	8	5 3/4	4
GCN-300	BLCN-300	3	8	6	4
GCN-400	BLCN-400	4	8	7 1/4	2
GCN-600	BLCN-600	6	13	11	4
HOSE MENDERS					
GHM-050		1/2	6	3 1/2	25
GHM-075		3/4	6	4 1/4	25
GHM-100		1	6	4 1/4	20
GHM-125		1 1/4	6	4 1/4	12
GHM-150		1 1/2	7	4 5/8	10
GHM-200		2	7	4 7/8	10
GHM-250		2 1/2	8	6	5
GHM-300		3	8	6 5/8	4
GHM-400		4	8	8	2
GHM-600		6	10	11	4

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NYLON MALE ADAPTERS (MPT X INS)

BOSHART PART NO.	SIZE	INDUSTRY NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
NA-05	1/2	3400	10	400	0.80
NA-07	3/4	3401	10	250	1.00
NA-10	1	3402	10	160	1.26
NA-12	1 1/4	3403	10	80	2.06
NA-15	1 1/2	3404	5	60	2.99
NA-20	2	3405	5	40	4.78

NYLON COUPLINGS (INS X INS)

NC-05	1/2	3420	10	400	0.80
NC-07	3/4	3421	10	250	0.92
NC-10	1	3422	10	160	1.25
NC-12	1 1/4	3423	10	80	2.32
NC-15	1 1/2	3424	5	60	3.17
NC-20	2	3425	5	40	4.15

NYLON ELBOWS (INS X INS)

NE-05	1/2	3430	10	300	1.34
NE-07	3/4	3431	10	180	1.53
NE-10	1	3432	10	100	1.83
NE-12	1 1/4	3433	5	60	3.11
NE-15	1 1/2	3434	5	40	4.80
NE-20	2	3435	5	25	6.59

NYLON COMBINATION ELBOWS (MPT X INS)

NME-05	1/2	3455	10	300	2.36
NME-07	3/4	3456	10	200	3.32
NME-10	1	3457	10	100	4.56
NME-12	1 1/4	3458	5	60	6.07
NME-15	1 1/2	3459	5	50	9.05

NYLON TEES (INS X INS X INS)

NT-05	1/2	3440	10	180	1.59
NT-07	3/4	3441	10	100	1.87
NT-10	1	3442	10	60	2.94
NT-12	1 1/4	3443	5	40	5.16
NT-15	1 1/2	3444	5	30	7.31
NT-20	2	3445	5	15	9.92

NOTE: On all common items, order quantities will be adjusted to our inner bag quantities.

BOSHART INDUSTRIES

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NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

PVC MALE ADAPTERS (MPT X INS)

BOSHART PART NO.	SIZE	INDUSTRY NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PVCA-05	1/2	1436-005	10	400	0.56
PVCA-07	3/4	1436-007	10	250	0.71
PVCA-10	1	1436-010	10	160	0.76
PVCA-12	1 1/4	1436-012	10	80	1.19
PVCA-15	1 1/2	1436-015	5	60	1.32
PVCA-20	2	1436-020	5	40	2.52
PVCA-25	2 1/2	1436-025	10		27.71
PVCA-30	3	1436-030	15		11.98
PVCA-40	4	1436-040	1	10	40.57

PVC REDUCING MALE ADAPTERS (MPT X RED. INS)

PVCRA-0705	3/4 x 1/2	1436-101	10	300	1.68
PVCRA-1007	1 x 3/4	1436-131	10	200	1.74
PVCRA-1207	1 1/4 x 3/4	1436-167	10	120	2.06
PVCRA-1210	1 1/4 x 1	1436-168	10	120	2.21
PVCRA-1510	1 1/2 x 1	1436-211	5	100	2.69
PVCRA-1512	1 1/2 x 1 1/4	1436-212	5	80	2.69
PVCRA-2015	2 x 1 1/2	1436-251	5	50	4.53

PVC INCREASING MALE ADAPTERS (MPT X INC. INS)

PVCIA-0507	1/2 x 3/4	1436-074	10	300	1.88
PVCIA-0510	1/2 x 1	1436-075	10		4.70
PVCIA-0710	3/4 x 1	1436-102	10	200	1.93
PVCIA-1012	1 x 1 1/4	1436-132	10	100	2.35
PVCIA-1015	1 x 1 1/2	1436-133	5	100	3.54
PVCIA-1215	1 1/4 x 1 1/2	1436-169	5	80	3.54
PVCIA-1520	1 1/2 x 2	1436-213	5	50	4.55

PVC FEMALE ADAPTERS (FPT X INS)

PVCFA-05	1/2	1435-005	10	350	2.61
PVCFA-07	3/4	1435-007	10	250	2.86
PVCFA-10	1	1435-010	10	150	3.15
PVCFA-12	1 1/4	1435-012	10	80	3.90
PVCFA-15	1 1/2	1435-015	5	60	4.92
PVCFA-20	2	1435-020	5	40	8.32

PVC COUPLINGS (INS X INS)

PVCC-05	1/2	1429-005	10	400	0.60
PVCC-07	3/4	1429-007	10	250	0.71
PVCC-10	1	1429-010	10	160	0.76
PVCC-12	1 1/4	1429-012	10	80	1.11
PVCC-15	1 1/2	1429-015	5	60	1.32
PVCC-20	2	1429-020	5	40	2.49
PVCC-30	3	1429-030	20		10.98
PVCC-40	4	1429-040	1	8	36.50

INSERT ELBOW

PVCMRE-0705	3/4" MPT x 1/2" Insert		10	200	3.96

NOTE: On all common items, order quantities will be adjusted to our inner bag quantities.

SEAL WELL PRODUCTS

Seal Well Products® are manufactured on-site by Boshart Industries

PVC REDUCING COUPLINGS (INS X RED. INS)

BOSHART PART NO.	SIZE	INDUSTRY NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PVCRC-0705	3/4 x 1/2	1429-101	10	300	0.98
PVCRC-1005	1 x 1/2	1429-130	10	220	1.35
PVCRC-1007	1 x 3/4	1429-131	10	220	1.01
PVCRC-1207	1 1/4 x 3/4	1429-167	10	140	2.06
PVCRC-1210	1 1/4 x 1	1429-168	10	100	1.60
PVCRC-1507	1 1/2 x 3/4	1429-210	5	100	2.49
PVCRC-1510	1 1/2 x 1	1429-211	5	100	2.40
PVCRC-1512	1 1/2 x 1 1/4	1429-212	5	80	1.88
PVCRC-2010	2 x 1	1429-249	5	60	3.38
PVCRC-2012	2 x 1 1/4	1429-250	5	50	3.15
PVCRC-2015	2 x 1 1/2	1429-251	5	50	3.01

PVC ELBOWS (INS X INS)

PVCE-05	1/2	1406-005	10	300	1.19
PVCE-07	3/4	1406-007	10	180	1.45
PVCE-10	1	1406-010	10	100	1.60
PVCE-12	1 1/4	1406-012	5	60	1.79
PVCE-15	1 1/2	1406-015	5	40	2.10
PVCE-20	2	1406-020	5	25	2.93
PVCE-30	3	N/A	10		40.70

PVC REDUCING ELBOWS (INS X RED. INS)

PVCRE-0705	3/4 x 1/2	1406-101	10	250	1.37
PVCRE-1007	1 x 3/4	1406-131	10	150	1.67
PVCRE-1210	1 1/4 x 1	1406-168	5	100	2.48
PVCRE-1512	1 1/2 x 1 1/4	1406-212	5	50	7.21
PVCRE-2015	2 x 1 1/2	1406-251	5	30	8.03

PVC COMBINATION ELBOWS (MPT X INS)

PVCME-05	1/2	1413-005	10	300	1.49
PVCME-07	3/4	1413-007	10	200	2.05
PVCME-10	1	1413-010	10	100	2.69
PVCME-12	1 1/4	1413-012	5	60	3.57
PVCME-15	1 1/2	1413-015	5	50	4.75
PVCME-20	2	1413-020	5	30	7.49

PVC FEMALE COMBINATION ELBOWS (INS X FPT)

PVCFE-05	1/2	1407-005	10	300	1.33
PVCFE-07	3/4	1407-007	10	160	1.45
PVCFE-10	1	1407-010	10	120	1.86
PVCFE-12	1 1/4	1407-012	5	60	2.73
PVCFE-15	1 1/2	1407-015	5	40	3.12
PVCFE-20	2	1407-020	5	30	12.94

FEMALE COMBINATION AND REDUCING ELBOWS (INS X FPT)

PVCFRE-0705	3/4 x 1/2	1407-101	10	200	1.38
PVCFRE-1005	1 x 1/2	1407-130	10	160	1.45
PVCFRE-1007	1 x 3/4	1407-131	10	160	1.67
PVCFRE-1205	1 1/4 x 1/2	1407-166	5	120	6.08
PVCFRE-1207	1 1/4 x 3/4	1407-167	5	100	2.48
PVCFRE-1210	1 1/4 x 1	1407-168	5	80	5.48
PVCFRE-1510	1 1/2 x 1	1407-211	5	60	6.87
PVCFRE-1512	1 1/2 x 1 1/4	1407-212	5	50	7.48
PVCFRE-2015	2 x 1 1/2	1407-251	5	30	12.19

PVC TEES (INS X INS X INS)

PVCT-05	1/2	1401-005	10	180	1.28
PVCT-07	3/4	1401-007	10	100	1.40
PVCT-10	1	1401-010	10	60	1.81
PVCT-12	1 1/4	1401-012	5	40	2.85
PVCT-15	1 1/2	1401-015	5	30	3.23
PVCT-20	2	1401-020	5	15	6.35
PVCT-30	3	N/A		6	55.58

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PVC COMBINATION TEES (INS X INS X MPT)

BOSHART PART NO.	SIZE	INDUSTRY NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PVCMT-05	1/2	1403-005	10	200	1.79
PVCMT-07	3/4	1403-007	10	120	2.45
PVCMT-10	1	1403-010	10	80	3.12
PVCMT-12	1 1/4	1403-012	5	50	4.05
PVCMT-15	1 1/2	1403-015	5	30	4.55
PVCMT-20	2	1403-020	5	20	17.22

PVC REDUCING TEES (INS X INS X INS)

PVCRT-050507	1/2 x 1/2 x 3/4	1401-074	10	200	3.49
PVCRT-070505	3/4 x 1/2 x 1/2	1401-094	10	150	4.37
PVCRT-070705	3/4 x 3/4 x 1/2	1401-101	10	150	1.58
PVCRT-070710	3/4 x 3/4 x 1	1401-102	10	120	4.00
PVCRT-100705	1 x 3/4 x 1/2	1401-124	10	120	6.20
PVCRT-100707	1 x 3/4 x 3/4	1401-125	10	120	7.37
PVCRT-101005	1 x 1 x 1/2	1401-130	10	80	1.86
PVCRT-101007	1 x 1 x 3/4	1401-131	10	80	1.88
PVCRT-101012	1 x 1 x 1 1/4	1401-132	10		13.62
PVCRT-121007	1 1/4 x 1 x 3/4	1401-157	10		8.47
PVCRT-121010	1 1/4 x 1 x 1	1401-158	5	60	8.47
PVCRT-121205	1 1/4 x 1 1/4 x 1/2	1401-166	5	60	2.45
PVCRT-121207	1 1/4 x 1 1/4 x 3/4	1401-167	5	50	2.45
PVCRT-121210	1 1/4 x 1 1/4 x 1	1401-168	5	50	2.45
PVCRT-151505	1 1/2 x 1 1/2 x 1/2	1401-209	5	40	4.24
PVCRT-151507	1 1/2 x 1 1/2 x 3/4	1401-210	5	40	4.24
PVCRT-151510	1 1/2 x 1 1/2 x 1	1401-211	5	40	4.24
PVCRT-151512	1 1/2 x 1 1/2 x 1 1/4	1401-212	5	40	4.24
PVCRT-202005	2 x 2 x 1/2	1401-247	5	30	6.03
PVCRT-202007	2 x 2 x 3/4	1401-248	5	30	6.03
PVCRT-202010	2 x 2 x 1	1401-249	5	30	14.68
PVCRT-202012	2 x 2 x 1 1/4	1401-250	5	25	15.41
PVCRT-202015	2 x 2 x 1 1/2	1401-251	5	25	15.83

PVC FEMALE COMBINATION TEES (INS X INS X FPT)

PVCFT-05	1/2	1402-005	10	180	1.40
PVCFT-07	3/4	1402-007	10	100	2.10
PVCFT-10	1	1402-010	80	80	2.48
PVCFT-12	1 1/4	1402-012	5	40	3.65
PVCFT-15	1 1/2	1402-015	5	30	6.32
PVCFT-20	2	1402-020	5	15	19.04

PVC FEMALE COMBINATION AND REDUCING TEES (INS X INS X FPT)

PVCFRT-070705	3/4 x 3/4 x 1/2	1402-101	10	140	1.74
PVCFRT-100705	1 x 3/4 x 1/2	1402-124	10	120	6.89
PVCFRT-100707	1 x 3/4 x 3/4	1402-125	10	120	8.22
PVCFRT-101005	1 x 1 x 1/2	1402-130	10	100	2.29
PVCFRT-101007	1 x 1 x 3/4	1402-131	10	100	2.29
PVCFRT-121205	1 1/4 x 1 1/4 x 1/2	1402-166	5	60	3.12
PVCFRT-121207	1 1/4 x 1 1/4 x 3/4	1402-167	5	60	3.45
PVCFRT-121210	1 1/4 x 1 1/4 x 1	1402-168	5	60	3.65
PVCFRT-151210	1 1/2 x 1 1/4 x 1	1402-202	5	50	20.49
PVCFRT-151505	1 1/2 x 1 1/2 x 1/2	1402-209	5	50	11.70
PVCFRT-151507	1 1/2 x 1 1/2 x 3/4	1402-210	5	50	5.69
PVCFRT-151510	1 1/2 x 1 1/2 x 1	1402-211	5	40	13.83
PVCFRT-151512	1 1/2 x 1 1/2 x 1 1/4	1402-212	5	30	14.18
PVCFRT-202005	2 x 2 x 1/2	1402-247	5	30	15.70
PVCFRT-202007	2 x 2 x 3/4	1402-248	5	30	6.80
PVCFRT-202010	2 x 2 x 1	1402-249	5	30	7.47
PVCFRT-202015	2 x 2 x 1 1/2	1402-251	5	20	19.01

NOTE: On all common items, order quantities will be adjusted to our inner bag quantities.

PVC CROSSES (INS X INS X INS)

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BOSHART PART NO.	SIZE	INDUSTRY NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PVCCR-07	3/4	1420-007	10	100	8.22
PVCCR-10	1	1420-010	10	50	10.24

PVC PLUGS (INS)

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PVCP-05	1/2	1499-005	10	800	1.06
PVCP-07	3/4	1499-007	10	500	1.11
PVCP-10	1	1499-010	10	350	1.50
PVCP-12	1 1/4	1499-012	10	200	1.91
PVCP-15	1 1/2	1499-015	5	140	2.08
PVCP-20	2	1499-020	5	80	3.68

POOL AND SPA FITTINGS

BOSHART PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
ADAPTER				
PVCSPA-1212	1-1/4" MPT x 1-1/4" Spigot	5	100	8.39

- Features allow tapping in multiple locations with more then enough wall thickness

ADAPTERS

- Built-up hex which enables 1/4" NPT tapping on all flats

PART NO.	DESCRIPTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BPVCSPA-1512	1.5" MPT x 1.25" Spigot	5	80	1.80
BPVCSPA-15	1.5" MPT x 1.5" Spigot	5	60	1.87
BPVCSPA-151512	1.5" MPT x 1.5" x 1.25" Spigot	5	75	2.03

ELBOWS

- Four raised lugs for 1/4" NPT tapping. This allows for easy installation of automatic clorination systems

BPVCSPE-1512	1.5" MPT x 1.25" Spigot	5	50	2.04
BPVCSPE-15	1.5" MPT x 1.5" Spigot	5	50	2.29

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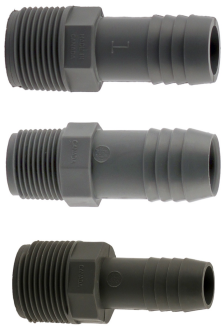
POLYPROPYLENE MALE ADAPTERS (MPT X INS)



BOSHART PART NO.	SIZE	INDUSTRY NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PPA-05	1/2	2730	10	400	0.43
PPA-07	3/4	2731	10	250	0.46
PPA-10	1	2732	10	160	0.60
PPA-12	1 1/4	2733	10	80	0.86
PPA-15	1 1/2	2734	5	60	1.01
PPA-20	2	2735	5	40	1.87
INCREASING MALE ADAPTERS					
PPIA-0507	1/2 x 3/4		10	300	0.85
PPIA-0710	3/4 x 1		10	200	0.96
DECREASING MALE ADAPTERS					
PPRA-0705	3/4 x 1/2	2740	10	300	0.83
PPRA-1007	1 x 3/4	2742	10	200	1.01
PPRA-1210	1 1/4 x 1	2745	10	120	1.37
PPRA-1512	1 1/2 x 1 1/4	2749	5	80	1.51

POLYPROPYLENE COUPLINGS (INS X INS)

PPC-05	1/2	2825	10	400	0.45
PPC-07	3/4	2826	10	250	0.46
PPC-10	1	2827	10	160	0.59
PPC-12	1 1/4	2828	10	80	0.88
PPC-15	1 1/2	2829	5	60	1.11
PPC-20	2	2830	5	40	1.92

POLYPROPYLENE ELBOWS (INS X INS)

PPE-05	1/2	2901	10	300	0.74
PPE-07	3/4	2902	10	180	0.85
PPE-10	1	2903	10	100	0.97
PPE-12	1 1/4	2904	5	60	1.20
PPE-15	1 1/2	2905	5	40	1.67
PPE-20	2	2906	5	25	2.48

POLYPROPYLENE COMBINATION ELBOWS (MPT X INS)

PPME-05	1/2	2955	10	300	0.98
PPME-07	3/4	2956	10	200	1.39
PPME-10	1	2957	10	100	1.82
PPME-15	1 1/2	2959	5	50	3.49
PPME-20	2	2960	5	30	6.73

POLYPROPYLENE TEES (INS X INS X INS)

PPT-05	1/2	3000	10	180	0.82
PPT-07	3/4	3001	10	100	0.96
PPT-10	1	3002	10	60	1.22
PPT-12	1 1/4	3003	5	40	1.64
PPT-15	1 1/2	3004	5	30	2.43
PPT-20	2	3005	5	15	3.45

POLYPROPYLENE REDUCING COUPLINGS (INS X INS)

PPRC-0705	3/4 x 1/2	2845	10	300	0.66
PPRC-1005	1 x 1/2	2846	10	220	0.67
PPRC-1007	1 x 3/4	2847	10	220	0.68
PPRC-1210	1 1/4 x 1	2850	10	100	0.89
PPRC-1512	1 1/2 x 1 1/4	2854	5	80	1.47

POLYPROPYLENE PLUGS (INS)

PPP-05	1/2	3225	10	800	1.42
PPP-07	3/4	3226	10	500	1.35
PPP-10	1	3227	10	350	1.74

POLYPROPYLENE CUTOFF NIPPLES (MPT X MPT)

NO LEAD LEAD-FREE

PPCN-0560	1/2 x 6	2890			1.26
PPCN-0760	3/4 x 6	2891			2.07

NOTE: On all common items, order quantities will be adjusted to our inner bag quantities.

PVC COMPRESSION FITTINGS - IRON & PVC PIPE SIZE

NOTE:
Pipes must be properly restrained or end blocked to prevent blow off after installation.

COUPLINGS

Nitrile Seal Rated @ 150 PSI @ 73°F (23°C)

PART NO.	IPS SIZE	BODY LENGTH	OUTSIDE DIAMETER	CASE WT lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
29-CC05	1/2"	5.236"	1.850"	27.2	100		2.06
29-CC07	3/4"	5.315"	2.086"	31.3	90		2.44
29-CC10	1"	5.748"	2.402"	29.3	60		3.11
29-CC12	1 1/4"	6.299"	2.874"	26.2	40		3.63
29-CC15	1 1/2"	6.890"	3.150"	26.5	30		4.94
29-CC20	2"	7.874"	3.622"	24.8	20		6.56
29-CC25	2 1/2"	9.921"	4.528"	22.7	10		15.59
29-CC30	3"	10.866"	5.276"	12.9	4		23.42
29-CC40	4"	11.929"	6.339"	9.9	2		31.47
29-CC60	6"	11.220"	8.780"	15.7	2		57.21

COUPLINGS WITH FLO-LOCK

EPDM O-Rings Rated @ 160 PSI @ 72°F

PART NO.	IPS SIZE	BODY LENGTH	CTN WT lbs	QTY CTN	LIST PRICE-A
29-112-05	1/2"	4"	8.5	28	28.04
29-112-07	3/4"	4-1/4"	9.5	24	30.69
29-112-10	1"	4-1/2"	7.5	15	28.37
29-112-12	1 1/4"	5"	7.0	10	44.99
29-112-15	1 1/2"	5-1/2"	15.0	16	36.75
29-112-20	2"	6"	15.0	12	79.95

NOTE: Not recommended for use on systems exceeding 100 PSI at 120°F (48°C)

PVC COMPRESSION FITTINGS - COPPER TUBE SIZE

CPVC COUPLINGS

Nitrile Seal
Rated @ 150 PSI @ 73°F (23°C)/45 PSI @ 180°F(82°C)

PART NO.	CTS SIZE	DESCRIPTION	LENGTH	CASE WT lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
29CTS-CC05	1/2"	1/2CTS x 1/2CTS	4.488"	55.4	20	360	4.05
29CTS-CC07	3/4"	3/4CTS x 3/4CTS	5.000"	72.6	20	240	6.17

PVC COUPLINGS

Buna-N Seal 200 PSI Rated @ 72°F

PART NO.	CTS SIZE	BODY LENGTH	CTN WT lbs	QTY CTN	LIST PRICE-A
29-210-10	1"	4-1/4"	9.0	24	23.46
29-210-12	1 1/4"	4-1/2"	8.5	15	32.58
29-210-15	1 1/2"	5"	7.5	10	44.35
29-210-20	2"	6"	13.5	12	POR

NOTE: Not recommended for use on systems exceeding 100 PSI at 120°F (48°C)

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PVC EXPANSION COUPLINGS - UNION STYLE

- PVC body, nut and plunger
- NBR O-rings
- Solvent weld connections
- 150 PSI Rated @ 73°F (22 °C)

NOTE: Recommended for cold water applications only.

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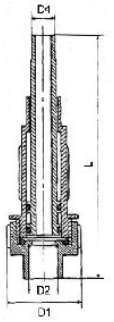


PART NO.	IPS SIZE	PORT (TUBE) I.D.	BODY LENGTH (L)	EXTENDED	OUTSIDE DIA. (D1)	SOCKET I.D. (D2)	SPIGOT O.D. (D4)	QTY	LIST PRICE-A
29-EC05	1/2"	0.50"	6.654"	8.688"	1.890"	0.850"	0.839"	24	7.08
29-EC07	3/4"	0.75"	7.559"	9.803"	2.126"	1.063"	1.043"	24	7.73
29-EC10	1"	1.00"	8.700"	11.378"	2.600"	1.327"	1.307"	16	9.51
29-EC12	1 1/4"	1.25"	9.763"	12.520"	2.992"	1.673"	1.654"	16	17.08
29-EC15	1 1/2"	1.50"	9.882"	12.874"	3.228"	1.913"	1.890"	12	19.08
29-EC20	2"	2.00"	11.300"	14.370"	3.701"	2.390"	2.370"	12	28.43
29-EC25 *	2 1/2"	2.50"	12.622"	16.870"	4.224"	2.889"	2.875"	3	76.62
29-EC30 *	3"	3.00"	13.465"	17.579"	4.957"	3.516"	3.50"	3	95.81
29-EC40 *	4"	4.00"	14.795"	19.331"	6.146"	4.518"	4.50"	3	167.46

* Models are non-union style

PVC WHITE SCHEDULE 40 FITTINGS

• NSF/ANSI Standard 14 & 372 Certified

TEES (SLIP X SLIP X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
401-005	1/2"	10	150	0.76
401-007	3/4"	10	100	0.88
401-010	1"	10	50	1.63
401-012	1-1/4"	5	40	2.39
401-015	1-1/2"	25		2.79
401-020	2"	15		4.19
401-025	2-1/2"	8		13.83
401-030	3"	5		18.19
401-040	4"	3		32.88
401-050	5"			79.42
401-060	6"			110.70
401-080	8"	2		256.76

REDUCING TEES (SLIP X SLIP X SLIP)

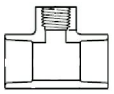
PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
401-074	1/2" X 1/2" X 3/4"	10	100	1.51
401-094	3/4" X 1/2" X 1/2"	10	100	1.38
401-095	3/4" X 1/2" X 3/4"	10	100	1.38
401-101	3/4" X 3/4" X 1/2"	10	100	0.93
401-102	3/4" X 3/4" X 1"	10	50	2.70
401-124	1" X 3/4" X 1/2"	10	50	2.70
401-125	1" X 3/4" X 3/4"	10	50	2.70
401-126	1" X 3/4" X 1"	10	50	2.70
401-130	1" X 1" X 1/2"	10	50	1.60
401-131	1" X 1" X 3/4"	10	50	1.74
401-132	1" X 1" X 1-1/4"	10	50	3.60
401-133	1" X 1" X 1-1/2"	10	40	4.63
401-166	1-1/4" X 1-1/4" X 1/2"	10	50	2.61
401-167	1-1/4" X 1-1/4" X 3/4"	10	50	2.61
401-168	1-1/4" X 1-1/4" X 1"	5	25	2.61
401-202	1-1/2" X 1-1/4" X 1"	25		4.57
401-209	1-1/2" X 1-1/2" X 1/2"	25		4.57
401-210	1-1/2" X 1-1/2" X 3/4"	25		4.92
401-211	1-1/2" X 1-1/2" X 1"	25		4.57
401-212	1-1/2" X 1-1/2" X 1-1/4"	25		4.57
401-213	1-1/2" X 1-1/2" X 2"	20		6.51
401-247	2" X 2" X 1/2"	20		4.49
401-248	2" X 2" X 3/4"	20		4.49
401-249	2" X 2" X 1"	15		4.49
401-250	2" X 2" X 1-1/4"	15		4.49
401-251	2" X 2" X 1-1/2"	10		4.49
401-335	3" X 3" X 1"	5		19.78
401-337	3" X 3" X 1-1/2"	5		19.78
401-338	3" X 3" X 2"	5		19.75
401-416	4" X 4" X 3/4"	5		32.88
401-420	4" X 4" X 2"	3		32.88
401-422	4" X 4" X 3"	3		32.88
401-528	6" X 6" X 2"	2		110.71
401-530	6" X 6" X 3"	2		111.31
401-532	6" X 6" X 3"	2		111.31

TEES (SLIP X SLIP X FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
402-005	1/2"	10	150	1.03
402-007	3/4"	100	100	1.56
402-010	1"	10	50	2.70
402-012	1-1/4"	25		4.27
402-015	1-1/2"	25		5.57
402-020	2"	15		7.06
402-040	4"	3		41.83

REDUCING TEES (SLIP X SLIP X FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
402-071	1/2" X 1/2" X 1/8"	10	250	2.02
402-072	1/2" X 1/2" X 1/4"	10	150	2.03
402-101	3/4" X 3/4" X 1/2"	10	100	1.25
402-124	1" X 3/4" X 1/2"	5	100	2.73
402-130	1" X 1" X 1/2"	10	50	1.87
402-131	1" X 1" X 3/4"	10	50	2.70
402-166	1-1/4" X 1-1/4" X 1/2"	10	50	4.52
402-167	1-1/4" X 1-1/4" X 3/4"	10	50	4.49
402-168	1-1/4" X 1-1/4" X 1"	5	25	4.49
402-209	1-1/2" X 1-1/2" X 1/2"	50		5.57
402-210	1-1/2 X 1-1/2" X 3/4"	50		5.57
402-211	1-1/2 X 1-1/2" X 1"	25		5.57
402-247	2" X 2" X 1/2"	20		6.99
402-248	2" X 2" X 3/4"	20		6.99
402-249	2" X 2" X 1"	15		6.99
402-250	2" X 2" X 1-1/4"	15		6.99
402-251	2" X 2" X 1-1/2"	10		6.99
402-289	2-1/2" X 2-1/2" X 1"	10		15.18
402-292	2-1/2" X 2-1/2" X 2"	10		15.18
402-334	3" X 3" X 3/4"	5		21.66
402-335	3" X 3" X 1"	5		21.66
402-338	3" X 3" X 2"	5		21.66
402-420	4" X 4" X 2"	3		36.20



TEES (FPT X FPT X FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
405-005	1/2"	10	100	2.58
405-007	3/4"	10	100	4.07
405-010	1"	10	50	5.63
405-012	1-1/4"	25		7.82
405-015	1-1/2"	25		8.03
405-020	2"	15		10.63

90° ELBOWS (SLIP X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
406-005	1/2"	10	250	0.61
406-007	3/4"	10	150	0.66
406-010	1"	10	50	1.11
406-012	1-1/4"	5	50	2.02
406-015	1-1/2"	10	50	2.17
406-020	2"	5	20	3.37
406-025	2-1/2"	10		10.37
406-030	3"	8		12.39
406-040	4"	3		22.16
406-050	5"	2		57.26
406-060	6"			70.47
406-080	8"	2		181.43

90° REDUCING ELBOWS (SLIP X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
406-101	3/4" X 1/2"	10	200	1.14
406-130	1" X 1/2"	10	100	1.72
406-131	1" X 3/4"	10	50	2.03
406-168	1-1/4" X 1"	10	50	3.23
406-251	2" X 1-1/2	25		8.72

90° ELBOWS (FPT X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
407-005	1/2"	10	250	0.69
407-007	3/4"	10	150	0.83
407-010	1"	10	50	1.51
407-012	1-1/4"	5	50	2.56
407-015	1-1/2"	5	25	2.81
407-020	2"	5	25	7.28
407-025	2-1/2"	10		17.99
407-030	3"	10		26.96
407-040	4"	5		40.87

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PVC WHITE SCHEDULE 40 FITTINGS (cont'd)

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90° REDUCING ELBOWS (SLIP X FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
407-101	3/4" X 1/2"	10	200	0.91
407-130	1" X 1/2"	10	100	2.35
407-131	1" X 3/4"	10	50	2.35
407-168	1-1/4" X 1"	5	50	3.37

90° ELBOWS (FPT X FPT)

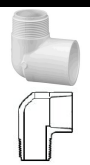
PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
408-005	1/2"	10	250	1.38
408-007	3/4"	10	100	2.03
408-010	1"	10	50	4.33
408-012	1-1/4"	5	50	4.63
408-015	1-1/2"	5	25	5.86
408-020	2"	5	25	8.91

90° STREET ELBOWS (SPIGOT X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
409-005	1/2"	10	250	1.60
409-007	3/4"	10	150	1.98
409-010	1"	10	50	3.37
409-012	1-1/4"	5	50	4.07
409-015	1-1/2"	5	50	4.49
409-020	2"	5	20	8.65

90° STREET ELBOWS (MPT X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
410-005	1/2"	10	250	1.25
410-007	3/4"	10	150	1.45
410-010	1"	10	50	2.43
410-012	1-1/4"	5	50	3.37
410-015	1-1/2"	5	25	3.56
410-020	2"	5	20	8.76
410-101	3/4" X 1/2"	10	250	1.79



90° STREET ELBOWS (SPIGOT X FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
411-005	1/2"	10	250	1.56
411-007	3/4"	10	200	1.87
411-015	1-1/2"	5	50	4.57

90° STREET ELBOWS (MPT X FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
412-005	1/2"	10	250	1.66
412-007	3/4"	10	200	2.03
412-010	1"	10	100	3.50
412-012	1-1/4"	5	50	4.33
412-015	1-1/2"	5	25	4.70
412-020	2"	5	20	8.99

90° STREET ELBOWS (SLIP X SLIP X SLIP SIDE OUTLET)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
413-005	1/2"	10	100	3.06

90° SIDE OUTLET ELBOWS (SLIP X SLIP X FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
414-005	1/2"	10	100	3.00
414-130	1" X 1" X 1/2"	10	50	5.08

45° ELBOWS (SLIP X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
417-005	1/2"	10	250	1.03
417-007	3/4"	10	100	1.45
417-010	1"	10	100	1.88
417-012	1-1/4"	5	50	2.64
417-015	1-1/2"	10	50	3.06
417-020	2"	5	20	3.97
417-025	2-1/2"	10		10.38
417-030	3"	8		16.10
417-040	4"	3		28.86
417-060	6"	2		71.33
417-080	8"	2		171.51

CROSSES (SLIP)

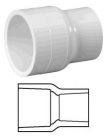
PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
420-005	1/2"	10	100	2.17
420-007	3/4"	10	50	3.60
420-010	1"	5	25	4.49
420-012	1-1/4"	5	25	5.93
420-015	1-1/2"	5	15	6.71
420-020	2"	10		9.92

COUPLINGS (SLIP X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
429-005	1/2"	10	250	0.40
429-007	3/4"	10	250	0.56
429-010	1"	10	100	0.99
429-012	1-1/4"	10	50	1.35
429-015	1-1/2"	10	50	1.42
429-020	2"	5	25	2.18
429-025	2-1/2"	25		4.49
429-030	3"	10		7.02
429-040	4"	6		10.16
429-050	5"	5		18.62
429-060	6"	4		32.14
429-080	8"	5		60.03

REDUCING COUPLINGS (SLIP X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
429-101	3/4" X 1/2"	25	100	0.93
429-131	1" X 3/4"	5	40	1.60
429-168	1-1/4" X 1"	5	20	2.70
429-212	1-1/2" X 1-1/4"	5	30	2.97
429-251	2" X 1-1/2"	30		4.54
429-338	3" X 2"	5		44.46



COUPLING (FPT X FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
430-005	1/2"	10	250	0.71
430-007	3/4"	10	250	1.32
430-010	1"	10	100	1.74
430-101	3/4" X 1/2"	10	250	1.73
430-131	1" X 3/4"	10	100	2.61

GRAY COUPLINGS (FPT X FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
430-012-G	1-1/4"	5	50	5.87
430-015-G	1-1/2"	5	50	11.58
430-020-G	2"	5	25	13.76

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PVC WHITE SCHEDULE 40 FITTINGS (cont'd)

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ADAPTERS (MPT X SPIGOT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
433-005	1/2"	10	250	0.91
433-010	1"	10	100	1.77
433-012	1-1/4"	5	50	2.18
433-020	2"	5	25	3.60

FEMALE ADAPTERS (SLIP X FPT)

435-005	1/2"	10	250	0.66
435-007	3/4"	10	250	0.83
435-010	1"	10	100	0.92
435-012	1-1/4"	5	50	1.45
435-015	1-1/2"	5	50	1.80
435-020	2"	5	25	2.23
435-025	2-1/2"	15		5.65
435-030	3"	10		7.60
435-040	4"	5		12.59
435-050	5"	5		55.76

REDUCING FEMALE ADAPTERS (SLIP X FPT)

435-074	1/2" X 3/4"	10	250	1.14
435-101	3/4" X 1/2"	10	250	1.14
435-102	3/4" X 1"	10	100	1.51
435-131	1" X 3/4"	10	100	1.51

MALE ADAPTERS (MPT X SLIP)

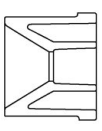
436-005	1/2"	10	250	0.53
436-007	3/4"	10	250	0.58
436-010	1"	10	100	0.98
436-012	1-1/4"	5	50	1.35
436-015	1-1/2"	5	50	1.66
436-020	2"	5	25	2.19
436-025	2-1/2"	25		6.42
436-030	3"	16		9.45
436-040	4"	12		12.03
436-050	5"			33.87
436-060	6"	3		31.36

REDUCING MALE ADAPTERS (MPT X SLIP)

436-074	1/2" X 3/4"	10	250	1.00
436-101	3/4" X 1/2"	10	250	0.93
436-102	3/4" X 1"	10	100	1.45
436-131	1" X 3/4"	10	200	3.13
436-132	1" X 1-1/4"	5	50	3.37
436-168	1-1/4" X 1"	5	100	3.81
436-169	1-1/4" X 1-1/2"	5	125	3.81
436-212	1-1/2" X 1-1/4"	5	50	4.62
436-213	1-1/2" X 2"	5	50	4.62
436-251	2" x 1-1/2"	5	50	5.28

BUSHINGS (SPIGOT X SLIP)

437-073	1/2" X 3/8"	10	500	1.09
437-101	3/4" X 1/2"	10	250	0.58
437-130	1" X 1/2"	10	250	1.16
437-131	1" X 3/4"	10	250	1.09
437-166	1-1/4" X 1/2"	5	150	1.56
437-167	1-1/4" X 3/4"	5	150	1.56
437-168	1-1/4" X 1"	5	150	1.56
437-209	1-1/2" X 1/2"	5	100	1.68
437-210	1-1/2" X 3/4"	5	100	1.68
437-211	1-1/2" X 1"	10	100	1.68
437-212	1-1/2" X 1-1/4"	10	100	1.68
437-247	2" X 1/2"	5	50	2.56
437-248	2" X 3/4"	5	50	2.56
437-249	2" X 1"	5	50	2.56
437-250	2" X 1-1/4"	5	50	2.56
437-251	2" X 1-1/2"	5	50	2.56
437-290	2-1/2" X 1-1/4"	5	25	4.08
437-291	2-1/2" X 1-1/2"	5	25	4.08



BUSHINGS (SPIGOT X SLIP) (cont'd)

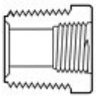
437-292	2-1/2" X 2"	5	25	4.08
437-335	3" X 1"	5	25	6.02
437-336	3" X 1-1/4"	5	25	6.02
437-337	3" X 1-1/2"	5	25	6.02
437-338	3" X 2"	5	25	6.02
437-339	3" X 2-1/2"	5	25	6.02
437-420	4" X 2"	10		13.45
437-421	4" X 2-1/2"	10		13.45
437-422	4" X 3"	10		13.45
437-488	5" X 3"	5		18.91
437-490	5" X 4"	5		18.91
437-528	6" X 2"	4		33.30
437-530	6" X 3"	4		33.30
437-532	6" X 4"	4		33.30
437-534	6" X 5"	4		33.30
437-582	8" X 4"	2		116.10
437-585	8" X 6"	2		116.10

REDUCING BUSHINGS (SPIGOT X FPT)

438-071	1/2" X 1/8"	10	250	1.25
438-072	1/2" X 1/4"	10	250	1.25
438-073	1/2" X 3/8"	10	250	1.25
438-098	3/4" X 1/4"	10	250	1.25
438-101	3/4" X 1/2"	10	500	0.93
438-128	1" X 1/4"	10	250	1.51
438-130	1" X 1/2"	10	250	1.51
438-131	1" X 3/4"	10	250	1.51
438-166	1-1/4" X 1/2"	10	150	2.35
438-167	1-1/4" X 3/4"	10	150	2.52
438-168	1-1/4" X 1"	10	150	2.39
438-209	1-1/2" X 1/2"	5	100	2.70
438-210	1-1/2" X 3/4"	5	100	2.70
438-211	1-1/2" X 1"	5	100	2.70
438-212	1-1/2" X 1-1/4"	5	100	2.94
438-247	2" X 1/2"	5	50	3.60
438-248	2" X 3/4"	5	50	3.60
438-249	2" X 1"	5	50	3.60
438-250	2" X 1-1/4"	5	50	3.60
438-251	2" X 1-1/2"	5	50	3.60
438-290	2-1/2" X 1-1/4"	5	25	5.21
438-291	2-1/2" X 1-1/2"	5	25	5.21
438-292	2-1/2" X 2"	5	25	5.21
438-335	3" X 1"	5	25	6.02
438-336	3" X 1-1/4"	5	25	6.02
438-337	3" X 1-1/2"	5	25	6.02
438-338	3" X 2"	5	25	6.02
438-339	3" X 2-1/2"	5	25	6.02
438-420	4" X 2"	10		13.44
438-421	4" X 2-1/2"	10		13.44
438-422	4" X 3"	10		13.44

THREADED BUSHINGS (MPT X FPT)

439-052	3/8" X 1/4"	10	250	2.70
439-072	1/2" X 1/4"	10	500	2.70
439-073	1/2" X 3/8"	10	500	2.70
439-098	3/4" X 1/4"	10	500	1.66
439-099	3/4" X 3/8"	10	250	1.66
439-101	3/4" X 1/2"	10	500	1.66
439-128	1" X 1/4"	5	250	2.35
439-130	1" X 1/2"	10	250	2.35
439-131	1" X 3/4"	10	250	2.35
439-166	1-1/4" X 1/2"	5	150	3.49
439-167	1-1/4" X 3/4"	5	150	3.49
439-168	1-1/4" X 1"	5	150	3.49
439-209	1-1/2" X 1/2"	10	100	4.19
439-210	1-1/2" X 3/4"	10	100	4.19
439-211	1-1/2" X 1"	10	100	4.19
439-212	1-1/2" X 1-1/4"	10	100	4.19
439-249	2" X 1"	10	120	7.71
439-250	2" X 1-1/4"	10		7.71
439-251	2" X 1-1/2"	5	50	4.49
439-338	3" X 2"	10		33.85



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PVC WHITE SCHEDULE 40 FITTINGS (cont'd)

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CAPS (SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
447-005	1/2"	10	250	0.56
447-007	3/4"	10	250	0.65
447-010	1"	10	250	1.03
447-012	1-1/4"	5	125	1.42
447-015	1-1/2"	5	50	1.56
447-020	2"	5	50	1.74
447-025	2-1/2"	25		5.57
447-030	3"	15		6.08
447-040	4"	9		13.83
447-050	5"	5		23.22
447-060	6"	3		33.19
447-080	8"	2		83.35

CAPS (FPT)

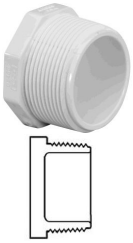
PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
448-005	1/2"	10	250	1.09
448-007	3/4"	10	250	1.25
448-010	1"	10	250	1.87
448-012	1-1/4"	5	125	2.23
448-015	1-1/2"	5	50	2.35
448-020	2"	5	50	4.15
448-030	3"	15		7.53
448-040	4"	9		13.22

PLUGS (SPIGOT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
449-005	1/2"	10	250	1.25
449-007	3/4"	10	250	1.45
449-010	1"	10	250	1.74
449-012	1-1/4"	5	125	2.35
449-015	1-1/2"	5	50	2.96
449-020	2"	5	50	3.69
449-025	2-1/2"	5	25	6.29
449-030	3"	5	25	8.31
449-040	4"	10		18.83

PLUGS (MPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
450-002	1/4"	10	500	1.04
450-003	3/8"	10	500	1.59
450-005	1/2"	10	250	1.54
450-007	3/4"	10	500	1.66
450-010	1"	10	250	2.70
450-012	1-1/4"	5	125	2.84
450-015	1-1/2"	5	125	3.03
450-020	2"	5	50	3.92
450-025	2-1/2"	5	25	5.43
450-030	3"	5	25	8.23
450-040	4"	10		18.62



UNION - O-RING TYPE (SLIP X SLIP)

• EPDM(Ethylene Propylene Diene Monomer) Rubber O-Ring.

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
457-005	1/2"	36	288	2.65
457-007	3/4"	24	144	3.48
457-010	1"	12	96	4.52
457-012	1-1/4"	12	96	7.99
457-015	1-1/2"	8	64	10.12
457-020	2"	4	48	16.76

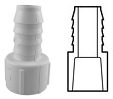
UNIONS (FPT X FPT)

• EPDM(Ethylene Propylene Diene Monomer) Rubber O-ring

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
458-005	1/2"	36	288	2.77
458-007	3/4"	24	144	3.60
458-010	1"	12	96	4.83
458-012	1-1/4"	12	96	8.38
458-015	1-1/2"	8	64	10.56
458-020	2"	4	48	17.14

ADAPTERS (INSERT X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
474-005	1/2"	50		5.37
474-007	3/4"	50		4.19
474-010	1"	50		4.75
474-012	1-1/4"	25		10.85
474-015	1-1/2"	10	50	3.03
474-020	2"	5	25	5.04



ADAPTERS (FPT X SPIGOT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
478-005	1/2"	10	250	0.71
478-007	3/4"	10	250	0.84
478-010	1"	10	100	1.32
478-012	1-1/4"	5	50	1.87
478-015	1-1/2"	5	50	2.32
478-020	2"	25		3.39

EXTRA DEEP COUPLINGS (SLIP X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
479-015	1-1/2"	25		3.49
479-020	2"	15		5.75
479-025	2-1/2"	10		7.39
479-030	3"	8		11.13
479-040	4"	6		22.38

Additional models and sizes available. Please contact your Inside Sales Rep for more information.
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TEES (SLIP X SLIP X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
801-005	1/2"	10	200	7.06
801-007	3/4"	10	100	7.39
801-010	1"	10	50	9.25
801-012	1-1/4"	5	50	25.40
801-015	1-1/2"	5	25	25.40
801-020	2"	10		31.78
801-025	2-1/2"	10		34.55
801-030	3"	5		43.18
801-040	4"	4		50.03
801-060	6"			170.81
801-080	8"	2		396.13

REDUCING TEES (SLIP X SLIP X SLIP)

801-130	1" X 1" X 1/2"			8.16
801-251	2" X 2" X 1-1/2"	10		20.78
801-291	2-1/2" X 2-1/2" X 1-1/2"	10		28.40
801-420	4" X 4" X 2"	10		63.64
801-532	6" X 6" X 4"	10		170.81

TEES (SLIP X SLIP X FPT)

802-005	1/2"	10	200	11.17
802-007	3/4"	10	100	14.42
802-010	1"	5	50	16.89
802-012	1-1/4"	5	25	18.06
802-015	1-1/2"	5	25	21.23
802-020	2"	4	20	26.17

TEES (FPT X FPT X FPT)

805-002	1/4"	10	250	8.15
805-003	3/8"	10	250	8.15
805-005	1/2"	5	125	8.15
805-007	3/4"	5	125	9.06
805-010	1"	5	50	20.03
805-012	1-1/4"	5	25	21.25
805-015	1-1/2"	5	25	25.75
805-020	2"	4	20	27.68
805-025	2-1/2"	25		100.79
805-030	3"	15		105.25
805-040	4"	5		171.07

90° ELBOWS (SLIP X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
806-002	1/4"	10	250	2.49
806-003	3/8"	10	250	2.49
806-005	1/2"	10	250	2.49
806-007	3/4"	10	200	3.20
806-010	1"	10	50	5.15
806-012	1-1/4"	5	50	6.91
806-015	1-1/2"	5	25	7.47
806-020	2"	5	25	8.93
806-025	2-1/2"	10		20.88
806-030	3"	10		23.47
806-040	4"	5		35.69
806-060	6"			101.56
806-080	8"	2		279.95

90° ELBOWS (SLIP X FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
807-005	1/2"	10	250	9.84
807-007	3/4"	10	200	11.57
807-010	1"	5	50	12.53
807-012	1-1/4"	5	50	14.42
807-015	1-1/2"	5	25	17.22
807-020	2"	5	25	22.30

90° ELBOWS (FPT X FPT)

808-002	1/4"	10	250	6.21
808-003	3/8"	10	250	6.21
808-005	1/2"	10	250	5.79
808-007	3/4"	10	100	7.21
808-010	1"	5	50	9.06
808-012	1-1/4"	5	50	9.80
808-015	1-1/2"	5	25	13.85
808-020	2"	5	25	15.61
808-025	2-1/2"	10		60.84
808-030	3"	12		98.09
808-040	4"	10		172.59

45° ELBOWS (SLIP X SLIP)

817-005	1/2"	10	250	4.73
817-007	3/4"	10	100	7.20
817-010	1"	10	50	10.79
817-012	1-1/4"	10	50	13.73
817-015	1-1/2"	5	50	16.25
817-020	2"	5	25	21.04
817-025	2-1/2"	10		44.21
817-030	3"	10		53.82
817-040	4"	4		96.92
817-060	6"	2		122.04
817-080	8"	2		264.61

45° ELBOWS (FPT X FPT)

819-005	1/2"	25		9.31
819-007	3/4"	25		9.99
819-010	1"	25		12.54
819-012	1-1/4"	25		19.12
819-015	1-1/2"	15		24.02
819-020	2"	20		35.65
819-030	3"	15		113.41
819-040	4	5		162.73

COUPLINGS (SLIP X SLIP)

829-005	1/2"	10	250	4.52
829-007	3/4"	10	250	6.12
829-010	1"	10	100	6.31
829-012	1-1/4"	5	50	9.59
829-015	1-1/2"	5	50	10.35
829-020	2"	5	25	11.09
829-025	2-1/2"	5	25	27.32
829-030	3"	10		31.40
829-040	4"	8		39.30
829-060	6"	4		84.57
829-080	8"	5		113.77

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PVC GRAY SCHEDULE 80 FITTINGS (cont'd)

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REDUCER COUPLINGS (SLIP X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
829-101	3/4" X 1/2"	25	100	5.52
829-131	1" X 3/4"	5	40	8.10
829-168	1-1/4" X 1"	5	20	16.40
829-212	1-1/2" X 1-1/4"	20		21.21
829-251	2" X 1-1/2"	5	20	19.38
829-338	3" X 2"	25		47.57
829-422	4" X 3"	5		89.59
829-532	6" X 4"	5		182.74
829-585	8" X 6"	2		553.42

COUPLINGS (FPT X FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
830-002	1/4"	250		5.44
830-005	1/2"	10	250	5.06
830-007	3/4"	10	250	7.22
830-010	1"	10	100	7.76
830-012	1-1/4"	5	50	9.59
830-015	1-1/2"	5	50	21.33
830-020	2"	5	25	22.40
830-025	2-1/2"	20		53.47
830-030	3"	20		62.71
830-040	4"	15		108.59

ADAPTERS (SLIP X FPT)

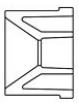
PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
835-002	1/4"	10	250	7.64
835-005	1/2"	10	250	4.23
835-007	3/4"	10	250	6.31
835-010	1"	10	100	9.28
835-012	1-1/4"	5	50	15.04
835-015	1-1/2"	5	50	18.41
835-020	2"	5	25	32.15
835-025	2-1/2"	20		50.77
835-030	3"	30		57.16
835-040	4"	20		98.23

ADAPTERS (MPT X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
836-005	1/2"	10	250	5.29
836-007	3/4"	10	250	5.83
836-010	1"	10	100	10.11
836-012	1-1/4"	5	50	11.80
836-015	1-1/2"	5	50	16.97
836-020	2"	5	25	24.54
836-025	2-1/2"	5	25	27.90
836-030	3"	2	10	30.94
836-040	4"	2	10	55.07

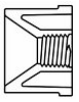
REDUCER BUSHINGS (SPIGOT X SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
837-052	3/8" X 1/4"	5		7.48
837-072	1/2" X 1/4"	10	500	4.00
837-073	1/2" X 3/8"	10	500	4.00
837-101	3/4" X 1/2"	10	250	1.46
837-130	1" X 1/2"	10	250	4.19
837-131	1" X 3/4"	10	250	4.19
837-166	1-1/4" X 1/2"	10	100	6.55
837-167	1-1/4" X 3/4"	10	100	6.55
837-168	1-1/4" X 1"	10	150	6.55
837-209	1-1/2" X 1/2"	10	100	8.93
837-210	1-1/2" X 3/4"	10	100	8.93
837-211	1-1/2" X 1"	10	100	8.93
837-212	1-1/2" X 1-1/4"	10	100	8.93
837-247	2" X 1/2"	5	50	12.72
837-248	2" X 3/4"	5	50	12.72
837-249	2" X 1"	5	50	12.72
837-250	2" X 1-1/4"	5	50	12.72
837-251	2" X 1-1/2"	5	50	12.72
837-289	2-1/2" X 1"	5	25	29.56
837-291	2-1/2" X 1-1/2"	5	25	22.11
837-292	2-1/2" X 2"	5	25	22.11
837-335	3" X 1"	5	25	35.06
837-336	3 X 1-1/4	5	25	35.06
837-338	3" X 2"	5	25	35.06
837-339	3" X 2-1/2"	5	25	35.06
837-420	4" X 2"	10		48.54
837-422	4" X 3"	10		48.54
837-528	6" X 2"	4		67.49
837-530	6" X 3"	4		67.49
837-532	6" X 4"	4		67.49
837-585	8 X 6	5		276.99



REDUCER BUSHINGS (SPIGOT X FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
838-072	1/2" X 1/4"	10	500	4.00
838-101	3/4" X 1/2"	10	250	2.64
838-130	1" X 1/2"	10	250	4.19
838-131	1" X 3/4"	10	250	4.19
838-166	1-1/4" X 1/2"	10	100	8.48
838-167	1-1/4" X 3/4"	10	100	8.48
838-168	1-1/4" X 1"	10	100	8.48
838-209	1-1/2" X 1/2"	10	100	10.63
838-210	1-1/2" X 3/4"	10	100	10.63
838-211	1-1/2" X 1"	10	100	10.63
838-212	1-1/2" X 1-1/4"	10	100	10.63
838-247	2" X 1/2"	5	50	13.00
838-248	2" X 3/4"	5	50	13.00
838-249	2" X 1"	5	50	13.00
838-250	2" X 1-1/4"	5	50	13.00
838-251	2" X 1-1/2"	5	50	13.00
838-292	2-1/2" X 2"	5	25	27.54
838-338	3" X 2"	5	25	50.95
838-339	3" X 2-1/2"	5	25	50.95
838-420	4" X 2"	10		78.28
838-422	4" X 3"	10		78.28



Additional models and sizes available. Please contact your Inside Sales Rep for more information.

PVC GRAY SCHEDULE 80 FITTINGS (cont'd)

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REDUCING BUSHINGS (MPT X FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
839-052	3/8" X 1/4"	10	500	9.11
839-072	1/2" X 1/4"	10	500	9.11
839-073	1/2" X 3/8"	10	500	9.11
839-098	3/4" X 1/4"	10	250	6.80
839-099	3/4" X 3/8"	10	250	6.80
839-101	3/4" X 1/2"	10	250	5.62
839-128	1" X 1/4"	10	250	10.96
839-129	1" X 3/8"	10	250	8.77
839-130	1" X 1/2"	10	250	8.77
839-131	1" X 3/4"	10	250	8.77
839-166	1-1/4" X 1/2"	10	100	9.29
839-167	1-1/4" X 3/4"	10	100	9.29
839-168	1-1/4" X 1"	10	100	9.29
839-209	1-1/2" X 1/2"	10	100	11.05
839-210	1-1/2" X 3/4"	10	100	11.05
839-211	1-1/2" X 1"	10	100	11.05
839-212	1-1/2" X 1-1/4"	10	100	11.05
839-247	2" X 1/2"	10	80	16.16
839-248	2" X 3/4"	15	60	16.16
839-249	2" X 1"	15	60	16.16
839-250	2" X 1-1/4"	15	60	16.16
839-251	2" X 1-1/2"	10	50	16.16
839-338	3" X 2"	30		29.73
839-420	4" X 2"	25		63.00
839-422	4" X 3"	15		78.28

CAPS (SLIP)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
847-002	1/4"	10	500	5.75
847-005	1/2"	10	250	4.44
847-007	3/4"	10	250	4.68
847-010	1"	10	250	8.30
847-012	1-1/4"	10	100	10.00
847-015	1-1/2"	5	50	10.00
847-020	2"	5	50	19.75
847-025	2-1/2"	5	25	40.35
847-030	3"	5	25	47.24
847-040	4"	2	10	79.61
847-060	6"	5		198.07
847-080	8"	2		254.28

CAPS (FPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
848-002	1/4"	10	250	5.52
848-003	3/8"	10	250	5.52
848-005	1/2"	10	250	5.52
848-007	3/4"	10	250	6.21
848-010	1"	10	100	7.82
848-012	1-1/4"	10	100	9.29
848-015	1-1/2"	5	50	10.63
848-020	2"	5	50	20.88
848-025	2-1/2"	5	25	41.76
848-030	3"	5	25	49.19
848-040	4"	2	10	86.60

PLUGS (SPIGOT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
849-007	3/4"	10	500	4.61

PLUGS (MPT)

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
850-002	1/4"	10	500	4.79
850-003	3/8"	10	500	4.79
850-005	1/2"	10	500	4.26
850-007	3/4"	10	500	4.44
850-010	1"	10	250	5.44
850-012	1-1/4"	10	100	8.00
850-015	1-1/2"	10	100	9.70
850-020	2"	5	50	9.99
850-025	2-1/2"	5	25	27.90
850-030	3"	5	25	32.56
850-040	4"	2	10	63.36

FLANGE - SOLID (FPT)

(FIPT) Threaded (gasket type) Gasket not included

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
852-005	1/2"	25		16.40
852-007	3/4"	75		19.24
852-010	1"	50		21.03
852-012	1-1/4"	20		29.01
852-015	1-1/2"	30		31.68
852-020	2"	20		32.38
852-025	2-1/2"	10		74.46
852-030	3"	10		76.64
852-040	4"	5		143.97

SOLID FLANGE - BLIND (GASKET TYPE)

Blind (gasket type) Gasket not included

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
853-015	1-1/2"	25		38.37
853-020	2"	25		57.30

FLANGE LOOSE RING (VANSTONE STYLE - SLIP)

Slip (gasket type) Gasket not included

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
854-020	2"	5		22.83
854-030	3"	5		38.94
854-040	4"	4		49.25
854-050	5"	2		77.47
854-060	6"	2		77.47
854-080	8"			126.16
854-100	10"			400.38
854-120	12"	2		423.91

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FLANGE LOOSE RING (VANSTONE STYLE - SPIGOT)

Spigot (gasket type) Gasket not included

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
856-020	2"	5		22.83
856-030	3"	5		38.94
856-040	4"	4		49.25
856-050	5"	2		77.47
856-060	6"	2		77.47
856-080	8"			126.16

UNION O-RING (SLIP X SLIP)

• EPDM(Ethylene Propylene Diene Monomer) Rubber O-Ring.

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
897-005	1/2"	36	288	3.48
897-007	3/4"	24	144	3.48
897-010	1"	12	96	4.52
897-012	1-1/4"	12	96	7.99
897-015	1-1/2"	8	64	10.12
897-020	2"	4	48	16.76
897-030	3"	2	12	46.25

UNION O-RING (FPT X FPT)

• EPDM(Ethylene Propylene Diene Monomer) Rubber O-Ring.

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
898-005	1/2"	36	288	2.75
898-007	3/4"	24	144	3.48
898-010	1"	12	96	4.83
898-012	1-1/4"	12	96	8.38
898-015	1-1/2"	8	64	10.56
898-020	2"	4	48	17.14
898-030	3"	2	12	48.75

NEOPRENE GASKETS (SCHEDULE 80 FLANGES)

PART NO.	SIZE	LIST PRICE-A
85G-005	1/2"	16.37
85G-007	3/4"	16.82
85G-010	1"	18.59
85G-012	1-1/4"	19.24
85G-015	1-1/2"	19.24
85G-020	2"	22.82
85G-025	2-1/2"	23.75
85G-030	3"	24.66
85G-040	4"	25.57
85G-050	5"	36.37
85G-060	6"	43.25
85G-080	8"	47.87
85G-100	10"	72.96
85G-120	12"	84.35

Additional models and sizes available. Please contact your Inside Sales Rep for more information.

PVC GRAY SCHEDULE 80 NIPPLES

• Manufactured from Extruded NSF Approved Schedule 80 Pipe

1/4" NIPPLES

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
880-020	1/4" X 2"	50		1.35
880-030	1/4" X 3"	50		1.42

1/2" NIPPLES

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
882-005	1/2" X CLOSE	50		1.70
882-015	1/2" X 1-1/2"	50		2.12
882-020	1/2" X 2"	50		1.56
882-025	1/2" X 2-1/2"	50		1.87
882-030	1/2" X 3"	50		1.82
882-035	1/2" X 3-1/2"	50		1.74
882-040	1/2" X 4"	50		2.05
882-045	1/2" X 4-1/2"	50		1.67
882-050	1/2" X 5"	25		1.92
882-055	1/2" X 5-1/2"	25		1.88
882-060	1/2" X 6"	50		2.16
882-070	1/2" X 7"	25		3.42
882-080	1/2" X 8"	25		4.42
882-090	1/2" X 9"	25		3.61
882-100	1/2" X 10"	25		4.90
882-110	1/2" X 11"	25		4.06
882-120	1/2" X 12"	25		2.08

3/4" NIPPLES

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
883-005	3/4" X CLOSE	50		1.56
883-015	3/4" X 1-1/2"	50		1.35
883-020	3/4" X 2"	50		1.62
883-025	3/4" X 2-1/2"	50		1.66
883-030	3/4" X 3"	50		2.06
883-035	3/4" X 3-1/2"	50		1.92
883-040	3/4" X 4"	50		2.34
883-050	3/4" X 5"	25		2.22
883-055	3/4" X 5-1/2"	25		2.25
883-060	3/4" X 6"	25		2.60
883-070	3/4" X 7"	25		2.75
883-080	3/4" X 8"	25		3.41
883-090	3/4" X 9"	25		3.10
883-100	3/4" X 10"	25		4.32
883-110	3/4" X 11"	25		3.73
883-120	3/4" X 12"	25		4.61

1" NIPPLES

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
884-005	1" X CLOSE	50		2.10
884-020	1" X 2"	50		2.08
884-025	1" X 2-1/2"	50		1.98
884-030	1" X 3"	50		2.42
884-035	1" X 3-1/2"	50		2.39
884-040	1" X 4"	25		2.88
884-045	1" X 4-1/2"	25		2.70
884-050	1" X 5"	25		2.85
884-055	1" X 5-1/2"	25		3.01
884-060	1" X 6"	25		3.59
884-070	1" X 7"	25		3.60
884-080	1" X 8"	25		4.23
884-090	1" X 9"	25		4.59
884-100	1" X 10"	25		4.95
884-110	1" X 11"	25		4.99
884-120	1" X 12"	25		5.63

1-1/4" NIPPLES

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
885-005	1-1/4" X CLOSE	25		2.46
885-020	1-1/4" X 2"	25		2.58
885-025	1-1/4" X 2-1/2"	25		3.23
885-030	1-1/4" X 3"	25		3.68
885-035	1-1/4" X 3-1/2"	25		3.72
885-040	1-1/4" X 4"	25		4.53
885-045	1-1/4" X 4-1/2"	25		4.43
885-050	1-1/4" X 5"	25		4.66
885-055	1-1/4" X 5-1/2"	25		4.60
885-060	1-1/4" X 6"	25		4.82
885-070	1-1/4" X 7"	25		4.91
885-080	1-1/4" X 8"	25		5.78
885-090	1-1/4" X 9"	25		5.99
885-100	1-1/4" X 10"	25		7.07
885-110	1-1/4" X 11"	25		6.93
885-120	1-1/4" X 12"	25		7.63

1-1/2" NIPPLES

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
886-005	1-1/2" X CLOSE	25		2.95
886-020	1-1/2" X 2"	25		3.00
886-025	1-1/2" X 2-1/2"	25		3.44
886-030	1-1/2" X 3"	25		3.92
886-035	1-1/2" X 3-1/2"	25		4.01
886-040	1-1/2" X 4"	25		4.53
886-045	1-1/2" X 4-1/2"	25		4.64
886-050	1-1/2" X 5"	25		4.89
886-055	1-1/2" X 5-1/2"	25		5.25
886-060	1-1/2" X 6"	25		5.53
886-070	1-1/2" X 7"	25		5.51
886-080	1-1/2" X 8"	25		6.60
886-090	1-1/2" X 9"	25		6.85
886-100	1-1/2" X 10"	25		8.12
886-110	1-1/2" X 11"	25		8.16
886-120	1-1/2" X 12"	25		9.24

2" NIPPLES

PART NO.	SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
887-005	2" X CLOSE	25		3.90
887-025	2" X 2-1/2"	25		3.75
887-030	2" X 3"	25		4.21
887-035	2" X 3-1/2"	25		4.71
887-040	2" X 4"	25		5.36
887-045	2" X 4-1/2"	25		5.92
887-050	2" X 5"	25		6.31
887-055	2" X 5-1/2"	25		6.66
887-060	2" X 6"	25		7.05
887-070	2" X 7"	25		7.16
887-080	2" X 8"	25		8.69
887-090	2" X 9"	25		8.79
887-100	2" X 10"	25		10.33
887-110	2" X 11"	25		10.24
887-120	2" X 12"	25		11.61

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MARINE GRADE - ALL STAINLESS HOSE CLAMPS - SERIES 87

- 5/16" 305 Stainless Steel Slotted Hex Head Screw
- 300 Series Stainless Steel Band and Housing
- 1/2" Wide Band
- All Packaging Is Bar Coded

NOTE: STAINLESS STEEL CLAMPS MUST BE ORDERED IN BAG/CARTON QUANTITIES. BULK CLAMPS MUST BE ORDERED IN CASE QUANTITIES.

Series 87: 300 SS Band/300 SS Housing/305 SS Screw
The 300 (Series 87) contains a high content of nickel providing strong corrosion resistance and is suitable for outdoor use with no shielding.

305 Screw (Series 87) vs. 410 Screw (Series 67)
The 305 screw (Series 87) has a high content of nickel. The 410 (Series 67) offers no nickel content. Type 305 (Series 87) when finished could be used where a non-magnetic material is required, where as the 410 (Series 67) cannot. The 305 (Series 87) screw rod is resistant to atmospheric corrosion and many organic chemicals and a wide variety of inorganic chemicals, while the 410 (Series 67) typically will resist corrosion in only light industrial and domestic environments.

PART NO.	QUANTITY BAG	QUANTITY CTN	LIST-A EACH	BULK PART NO.	QTY BULK	LIST-A EACH	BOXED PART NO.	BOX QUANTITY INNER	BOX QUANTITY MST	LIST-A EACH	SIZE RNG IN. MIN.	SIZE RNG IN. MAX.	SIZE RNG MM. MIN.	SIZE RNG MM. MAX.
SSC8704 *	10	200	0.95	SSCB8704 *	200	0.93	SSCX8704 *	10	160	1.07	7/32	5/8	5.60	16.00
SSC8705 *	10	200	0.95	SSCB8705 *	200	0.93	SSCX8705 *	10	160	1.07	5/16	11/16	7.94	17.46
*** #4 & #5 Mini Clamps have 300 Series S.S. Band and Housing c/w 1/4" 305 Series S. S. Slotted Hex Head Screw**														
SSC8706	10	200	1.23	SSCB8706	200	1.21	SSCX8706	10	80	1.38	7/16	25/32	11.00	20.00
SSC8708	10	200	1.23	SSCB8708	200	1.21	SSCX8708	10	80	1.38	1/2	29/32	13.00	23.00
SSC8710	10	200	1.23	SSCB8710	200	1.21	SSCX8710	10	80	1.38	9/16	1-1/16	14.00	27.00
SSC8712	10	200	1.25	SSCB8712	200	1.22	SSCX8712	10	160	1.35	11/16	1-1/4	17.00	32.00
SSC8716	10	200	1.25	SSCB8716	200	1.22	SSCX8716	10	160	1.30	13/16	1-1/2	21.00	38.00
SSC8720	10	200	1.27	SSCB8720	200	1.24	SSCX8720	10	160	1.39	13/16	1-3/4	21.00	44.00
SSC8724	10	200	1.27	SSCB8724	200	1.24	SSCX8724	10	160	1.39	1-1/16	2	27.00	51.00
SSC8728	10	200	1.27	SSCB8728	200	1.26	SSCX8728	10	160	1.40	1-5/16	2-1/4	33.00	57.00
SSC8732	10	200	1.27	SSCB8732	200	1.26	SSCX8732	10	80	1.41	1-9/16	2-1/2	40.00	64.00
SSC8736	10	100	1.33	SSCB8736	100	1.32	SSCX8736	10	80	1.51	1-13/16	2-3/4	46.00	70.00
SSC8740	10	100	1.48	SSCB8740	100	1.48	SSCX8740	10	80	1.70	2-1/16	3	52.00	76.00
SSC8744	10	100	1.80	SSCB8744	100	1.80	SSCX8744	10	80	2.02	2-5/16	3-1/4	59.00	83.00
SSC8748	10	100	1.80	SSCB8748	100	1.80	SSCX8748		10	2.43	2-9/16	3-1/2	65.00	89.00
SSC8752	10	100	1.88	SSCB8752	100	1.88	SSCX8752		10	2.51	2-13/16	3-3/4	71.00	95.00
SSC8756	10	100	1.88	SSCB8756	100	1.88	SSCX8756		10	2.51	3-1/16	4	78.00	102.00
SSC8760	10	100	1.94	SSCB8760	100	1.94	SSCX8760		10	2.57	3-5/16	4-1/4	84.00	108.00
SSC8764	10	50	1.98	SSCB8764	50	1.96	SSCX8764		10	2.57	3-9/16	4-1/2	91.00	114.00
SSC8772	10	50	2.11	SSCB8772	50	2.12	SSCX8772		10	2.70	1-7/8	5	48.00	127.00
SSC8780	10	50	2.17	SSCB8780	50	2.19	SSCX8780		10	2.76	2-1/2	5-1/2	64.00	140.00
SSC8788	10	50	2.42	SSCB8788	50	2.44	SSCX8788		10	3.02	3-1/8	6	79.00	152.00
SSC8796	10	50	2.49	SSCB8796	50	2.50	SSCX8796		10	3.08	3-5/8	6-1/2	92.00	165.00
SSC87104	10	200	2.57	SSCB87104	200	2.44	SSCX87104	5		3.59	4-1/8	7	105.00	178.00
SSC87128	10	150	4.05	SSCB87128	100	3.92					5-5/8	8-1/2	143.00	216.00
SSC87152	10	100	4.49	SSCB87152	100	4.32					7-1/8	10	181.00	254.00
SSC87188	10	100	4.97	SSCB87188	100	4.81					9-3/8	12-1/4	238.00	311.00
SSC87212	10	100	6.26	SSCB87212	100	6.10					10-7/8	13-3/4	276.00	349.00
SSC87224	10	100	7.07	SSCB87224	100	6.82					11-5/8	14-1/2	295.00	368.00

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ALL STAINLESS STEEL HOSE CLAMPS - SERIES 67

- 5/16" 410 Stainless Steel Slotted Hex Head Screw
- 300 Series Stainless Steel Band and Housing
- 1/2" Wide Band
- All Packaging Is Bar Coded

NOTE: STAINLESS STEEL CLAMPS MUST BE ORDERED IN BAG/CARTON QUANTITIES. BULK CLAMPS MUST BE ORDERED IN CASE QUANTITIES.

305 Screw (Series 87) vs. 410 Screw (Series 67)
The 305 screw (Series 87) has a high content of nickel. The 410 (Series 67) offers no nickel content. Type 305 (Series 87) when finished could be used where a non-magnetic material is required, where as the 410 (Series 67) cannot. The 305 (Series 87) screw rod is resistant to atmospheric corrosion and many organic chemicals and a wide variety of inorganic chemicals, while the 410 (Series 67) typically will resist corrosion in only light industrial and domestic environments.

PART NO.	QUANTITY BAG	QUANTITY CTN	LIST-A EACH	BULK PART NO.	QTY BULK	LIST-A EACH	BOXED PART NO.	BOX QUANTITY INNER	BOX QUANTITY MST	LIST-A EACH	SIZE RNG IN. MIN.	SIZE RNG IN. MAX.	SIZE RNG MM. MIN.	SIZE RNG MM. MAX.
SSC6704 *	10	200	0.89	SSCB6704 *	200	0.88	SSCX6704 *	10	160	1.03	7/32	5/8	5.60	16.00
SSC6705 *	10	200	0.92	SSCB6705 *	200	0.88	SSCX6705 *	10	160	1.03	5/16	11/16	7.94	17.46
*** #4 & #5 Mini Clamps have 200/300 Series S.S. Band and Housing c/w 1/4" 200/300 Series S. S. Slotted Hex Head Screw**														
SSC6706	10	200	1.17	SSCB6706	200	1.15	SSCX6706	10	80	1.33	7/16	25/32	11.00	20.00
SSC6708	10	200	1.17	SSCB6708	200	1.15	SSCX6708	10	80	1.33	1/2	29/32	13.00	23.00
SSC6710	10	200	1.17	SSCB6710	200	1.15	SSCX6710	10	80	1.33	9/16	1-1/16	14.00	27.00
SSC6712	10	200	1.19	SSCB6712	200	1.16	SSCX6712	10	160	1.29	11/16	1-1/4	17.00	32.00
SSC6716	10	200	1.19	SSCB6716	200	1.16	SSCX6716	10	160	1.31	13/16	1-1/2	21.00	38.00
SSC6720	10	200	1.21	SSCB6720	200	1.18	SSCX6720	10	160	1.33	13/16	1-3/4	21.00	44.00
SSC6724	10	200	1.21	SSCB6724	200	1.18	SSCX6724	10	160	1.33	1-1/16	2	27.00	51.00
SSC6728	10	200	1.21	SSCB6728	200	1.20	SSCX6728	10	160	1.34	1-5/16	2-1/4	33.00	57.00
SSC6732	10	200	1.21	SSCB6732	200	1.20	SSCX6732	10	80	1.35	1-9/16	2-1/2	40.00	64.00
SSC6736	10	100	1.27	SSCB6736	100	1.26	SSCX6736	10	80	1.40	1-13/16	2-3/4	46.00	70.00
SSC6740	10	100	1.41	SSCB6740	100	1.41	SSCX6740	10	80	1.63	2-1/16	3	52.00	76.00
SSC6744	10	100	1.71	SSCB6744	100	1.72	SSCX6744	10	80	1.93	2-5/16	3-1/4	59.00	83.00
SSC6748	10	100	1.71	SSCB6748	100	1.72	SSCX6748		10	2.34	2-9/16	3-1/2	65.00	89.00
SSC6752	10	100	1.79	SSCB6752	100	1.79	SSCX6752		10	2.42	2-13/16	3-3/4	71.00	95.00
SSC6756	10	100	1.79	SSCB6756	100	1.79	SSCX6756		10	2.42	3-1/16	4	78.00	102.00
SSC6760	10	100	1.85	SSCB6760	100	1.85	SSCX6760		10	2.47	3-5/16	4-1/4	84.00	108.00
SSC6764	10	50	1.86	SSCB6764	50	1.86	SSCX6764		10	2.47	3-9/16	4-1/2	91.00	114.00
SSC6772	10	50	2.01	SSCB6772	50	2.02	SSCX6772		10	2.60	1-7/8	5	48.00	127.00
SSC6780	10	50	2.07	SSCB6780	50	2.08	SSCX6780		10	2.66	2-1/2	5-1/2	64.00	140.00
SSC6788	10	50	2.31	SSCB6788	50	2.33	SSCX6788		10	2.90	3-1/8	6	79.00	152.00
SSC6796	10	50	2.37	SSCB6796	50	2.38	SSCX6796		10	2.96	3-5/8	6-1/2	92.00	165.00
SSC67104	10	200	2.46	SSCB67104	200	2.32	SSCX67104	5		3.47	4-1/8	7	105.00	178.00
SSC67128	10	100	3.89	SSCB67128	150	3.73					5-5/8	8-1/2	143.00	216.00
SSC67152	10		4.27	SSCB67152	100	4.11					7-1/8	10	181.00	254.00
SSC67188	10		4.73	SSCB67188	100	4.57					9-3/8	12-1/4	238.00	311.00
SSC67212	10		6.05	SSCB67212	100	5.80					10-7/8	13-3/4	276.00	349.00
SSC67224	10		6.98	SSCB67224	100	6.82					11-5/8	14-1/2	295.00	368.00

STAINLESS STEEL HOSE CLAMP WITH CARBON STEEL SCREW - SERIES 77

- 5/16" Yellow dichromate plated carbon steel slotted hex head
- 300 Series Stainless Steel Band and Housing
- 1/2" Wide Band
- All Packaging Is Bar Coded

NOTE: STAINLESS STEEL CLAMPS MUST BE ORDERED IN BAG/CARTON QUANTITIES. BULK CLAMPS MUST BE ORDERED IN CASE QUANTITIES.

The combination of the high nickel content of the 300 series stainless steel and the plating of the carbon steel screw allows this hose clamp to be used in above ground outdoor and indoor applications where corrosion is somewhat of an issue. The yellow coloured screw allows for easy identification against an ALL stainless steel clamp. Used for all standard clamp applications.

PART NO.	QUANTITY BAG	QUANTITY CTN	LIST-A EACH	BULK PART NO.	QTY BULK	LIST-A EACH	BOXED PART NO.	BOX QUANTITY INNER	BOX QUANTITY MST	LIST-A EACH	SIZE RNG IN. MIN.	SIZE RNG IN. MAX.	SIZE RNG MM. MIN.	SIZE RNG MM. MAX.
SSC7704 *	10	200	0.76	SSCB7704 *	200	0.74	SSCX7704 *	10	160	0.88	7/32	5/8	5.60	16.00
SSC7705 *	10	200	0.76	SSCB7705 *	200	0.74	SSCX7705 *	10	160	0.88	5/16	11/16	7.94	17.46
*** #4 & #5 Mini Clamps have 200/300 Series Stainless Band and Housing c/w 1/4" Carbon Steel Slotted Hex Head Screw**														
SSC7706	10	200	0.99	SSCB7706	200	1.15	SSCX7706	10	80	1.15	7/16	25/32	11.00	20.00
SSC7708	10	200	0.99	SSCB7708	200	0.97	SSCX7708	10	80	1.15	1/2	29/32	13.00	23.00
SSC7710	10	200	0.99	SSCB7710	200	0.97	SSCX7710	10	80	1.15	9/16	1-1/16	14.00	27.00
SSC7712	10	200	0.99	SSCB7712	200	0.96	SSCX7712	10	160	1.10	11/16	1-1/4	17.00	32.00
SSC7716	10	200	0.99	SSCB7716	200	0.96	SSCX7716	10	160	1.11	13/16	1-1/2	21.00	38.00
SSC7720	10	200	1.01	SSCB7720	200	0.98	SSCX7720	10	160	1.13	13/16	1-3/4	21.00	44.00
SSC7724	10	200	1.01	SSCB7724	200	0.98	SSCX7724	10	160	1.13	1-1/16	2	27.00	51.00
SSC7728	10	200	1.10	SSCB7728	200	1.08	SSCX7728	10	160	1.23	1-5/16	2-1/4	33.00	57.00
SSC7732	10	200	1.10	SSCB7732	200	1.08	SSCX7732	10	80	1.24	1-9/16	2-1/2	40.00	64.00
SSC7736	10	100	1.11	SSCB7736	100	1.09	SSCX7736	10	80	1.24	1-13/16	2-3/4	46.00	70.00
SSC7740	10	100	1.32	SSCB7740	100	1.32	SSCX7740	10	80	1.54	2-1/16	3	52.00	76.00
SSC7744	10	100	1.59	SSCB7744	100	1.59	SSCX7744	10	80	1.81	2-5/16	3-1/4	59.00	83.00
SSC7748	10	100	1.59	SSCB7748	100	1.59	SSCX7748		10	2.22	2-9/16	3-1/2	65.00	89.00
SSC7752	10	100	1.64	SSCB7752	100	1.64	SSCX7752		10	2.27	2-13/16	3-3/4	71.00	95.00
SSC7756	10	100	1.66	SSCB7756	100	1.62	SSCX7756		10	2.27	3-1/16	4	78.00	102.00
SSC7764	10	50	1.72	SSCB7764	50	1.72	SSCX7764		10	2.33	3-9/16	4-1/2	91.00	114.00
SSC7772	10	50	1.83	SSCB7772	50	1.84	SSCX7772		10	2.41	1-7/8	5	48.00	127.00
SSC7780	10	50	1.94	SSCB7780	50	1.96	SSCX7780		10	2.53	2-1/2	5-1/2	64.00	140.00
SSC7788	10	50	1.94	SSCB7788	50	1.96	SSCX7788		10	2.53	3-1/8	6	79.00	152.00
SSC7796	10	50	2.08	SSCB7796	50	2.09	SSCX7796		10	2.66	3-5/8	6-1/2	92.00	165.00
SSC77104	10		2.27	SSCB77104	200	2.12					4-1/8	7	105.00	178.00
SSC77128	10		3.46	SSCB77128	150	3.30					5-5/8	8-1/2	143.00	216.00
SSC77152	10		3.72	SSCB77152	100	3.56					7-1/8	10	181.00	254.00
SSC77188	10		4.18	SSCB77188	100	4.02					9-3/8	12-1/4	238.00	311.00
SSC77212	10		10.87	SSCB77212	100	10.71					10-7/8	13-3/4	276.00	349.00
SSC77224	10		11.48	SSCB77224	100	11.32					11-5/8	14-1/2	295.00	368.00

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NO LEAD LEAD-FREE

MARINE GRADE - ALL STAINLESS HOSE CLAMPS - BII SERIES 2-87

- 5/16" 304 Stainless Steel Slotted Hex Head Screw
- 300 Series Stainless Steel Band and Housing
- 1/2" Wide Band
- All Packaging Is Bar Coded

NOTE: STAINLESS STEEL CLAMPS MUST BE ORDERED IN BAG/CARTON QUANTITIES. BULK CLAMPS MUST BE ORDERED IN CASE QUANTITIES.

Series 87: 300 SS Band/300 SS Housing/304 SS Screw
The 300 (Series 87) standard grade of steel is used as a high performance alternative to the 200 (67 Series) standard grade of steel.
The 300 (Series 87) contains a high content of nickel providing strong corrosion resistance and is suitable for outdoor use with no shielding.

PART NO.	QUANTITY BAG	QUANTITY CTN	LIST-A EACH	BULK PART NO.	QTY BULK	LIST-A EACH	BOXED PART NO.	BOX QUANTITY INNER	BOX QUANTITY MST	LIST-A EACH	SIZE RNG IN. MIN.	SIZE RNG IN. MAX.	SIZE RNG MM. MIN.	SIZE RNG MM. MAX.
2-SSC8704 *	10	200	0.40	2-SSCB8704 *	200	0.39	2-SSCX8704 *	10	160	0.58	1/4	5/8	6.35	15.87
2-SSC8705 *	10	200	0.41	2-SSCB8705 *	200	0.41	2-SSCX8705 *	10	160	0.60	5/16	7/8	7.94	22.23
*** #4 & #5 Mini Clamps have 5/16" 300 Series S.S. Band and Housing c/w 1/4" 304 Series S. S. Slotted Hex Head Screw**														
2-SSC8706	10	200	0.84	2-SSCB8706	200	0.85	2-SSCX8706	10	80	1.08	3/8	7/8	10	22
2-SSC8708	10	200	0.86	2-SSCB8708	200	0.87	2-SSCX8708	10	80	1.10	7/16	1	11	25
2-SSC8710	10	200	0.89	2-SSCB8710	200	0.90	2-SSCX8710	10	80	1.13	1/2	1-1/16	13	27
2-SSC8712	10	200	0.91	2-SSCB8712	200	0.92	2-SSCX8712	10	160	1.09	1/2	1-1/4	13	32
2-SSC8716	10	200	0.94	2-SSCB8716	200	0.95	2-SSCX8716	10	160	1.13	11/16	1-1/2	18	38
2-SSC8720	10	200	1.00	2-SSCB8720	200	0.98	2-SSCX8720	10	160	1.19	3/4	1-3/4	19	44
2-SSC8724	10	200	1.03	2-SSCB8724	200	1.03	2-SSCX8724	10	160	1.24	1	2	25	51
2-SSC8728	10	200	1.07	2-SSCB8728	200	1.07	2-SSCX8728	10	160	1.28				
2-SSC8732	10	200	1.11	2-SSCB8732	200	1.11	2-SSCX8732	10	40	1.35	1-1/2	2-1/2	38	63
2-SSC8736	10	100	1.15	2-SSCB8736	100	1.14	2-SSCX8736	10	80	1.39	1-3/4	2-3/4	44	70
2-SSC8740	10	100	1.20	2-SSCB8740	100	1.19	2-SSCX8740	10	40	1.55	2	3	51	76
2-SSC8744	10	100	1.24	2-SSCB8744	100	1.23	2-SSCX8744	10	80	1.58	2-1/4	3-1/4	57	82
2-SSC8748	10	100	1.29	2-SSCB8748	100	1.28	2-SSCX8748		10	2.05	2-1/2	3-1/2	64	89
2-SSC8752	10	100	1.36	2-SSCB8752	100	1.35	2-SSCX8752		10	2.12	2-3/4	3-3/4	70	95
2-SSC8756	10	100	1.40	2-SSCB8756	100	1.39	2-SSCX8756		10	2.16	3	4	76	101
2-SSC8764	10	50	1.52	2-SSCB8764	50	1.50	2-SSCX8764		10	2.25	2-1/2	4-1/2	64	114
2-SSC8772	10	50	1.58	2-SSCB8772	50	1.56	2-SSCX8772		10	2.34	3	5	76	127
2-SSC8780	10	50	1.65	2-SSCB8780	50	1.75	2-SSCX8780		10	2.41	3-1/2	5-1/2	89	140
2-SSC8788	10	50	1.72	2-SSCB8788	50	1.70	2-SSCX8788		10	2.48	4	6	102	152
2-SSC8796	10	50	1.79	2-SSCB8796	50	1.90	2-SSCX8796		10	2.56	4-1/2	6-1/2	114	165
2-SSC87104	10	200	1.96	2-SSCB87104	200	2.07	2-SSCX87104	5		3.25	5	7	127	178
2-SSC87116	10	200	2.02	2-SSCB87116	200	2.04					5-3/4	7-3/4	146	197
2-SSC87128	10	200	2.20	2-SSCB87128	200	2.19	2-SSCX87128			3.30	6-1/2	8-1/2	165	216
2-SSC87140	10	200	2.43	2-SSCB87140	200	2.38					7-1/4	9-1/4	184	235
2-SSC87152	10	200	2.51	2-SSCB87152	200	2.55	2-SSCX87152			3.82	8	10	203	254
2-SSC87188	10	100	2.96				2-SSCX87188			4.22	10-1/2	12-1/4	267	311
2-SSC87224	10	100	3.28	2-SSCB87224	100	3.34	2-SSCX87224			4.60	12-1/2	14-1/2	318	368
2-SSC87248	10	100	3.54								14	16	356	406

ALL STAINLESS STEEL HOSE CLAMPS - BII SERIES 2-67

- 5/16" 200 Stainless Steel Slotted Hex Head Screw
- 200 Series Stainless Steel Band and Housing
- 1/2" Wide Band
- All Packaging Is Bar Coded

NOTE: STAINLESS STEEL CLAMPS MUST BE ORDERED IN BAG/CARTON QUANTITIES. BULK CLAMPS MUST BE ORDERED IN CASE QUANTITIES.

Series 67: 200 SS Band/200 SS Housing/200 SS Screw
The 200 standard grade of steel is used as an inexpensive alternative to the 300 standard grade of steel. The 200 series contains less nickel reducing its corrosion resistance when compared to the 300 series. The 200 series is best suited for mild, corrosive environments such as indoor use or shielded areas. User should avoid highly corrosive environments with 200 standard grade of steel.

PART NO.	QUANTITY BAG	QUANTITY CTN	LIST-A EACH	BULK PART NO.	QTY BULK	LIST-A EACH	BOXED PART NO.	BOX QUANTITY INNER	BOX QUANTITY MST	LIST-A EACH	SIZE RNG IN. MIN.	SIZE RNG IN. MAX.	SIZE RNG MM. MIN.	SIZE RNG MM. MAX.
2-SSC6704 *	10	200	0.34	2-SSCB6704 *	200	0.34	2-SSCX6704 *	10	160	0.52	1/4	5/8	6.35	15.87
2-SSC6705 *	10	200	0.35	2-SSCB6705 *	200	0.34	2-SSCX6705 *	10	160	0.53	5/16	7/8	7.94	22.23
*** #4 & #5 Mini Clamps have 5/16" 200 Series S.S. Band and Housing c/w 1/4" 200 Series S. S. Slotted Hex Head Screw**														
2-SSC6706	10	200	0.72	2-SSCB6706	200	0.73	2-SSCX6706	10	80	0.96	3/8	7/8	10	22
2-SSC6708	10	200	0.74	2-SSCB6708	200	0.75	2-SSCX6708	10	80	0.98	7/16	1	11	25
2-SSC6710	10	200	0.76	2-SSCB6710	200	0.77	2-SSCX6710	10	80	1.00	1/2	1-1/16	13	27
2-SSC6712	10	200	0.81	2-SSCB6712	200	0.80	2-SSCX6712	10	160	0.98	1/2	1-1/4	13	32
2-SSC6716	10	200	0.84	2-SSCB6716	200	0.83	2-SSCX6716	10	160	1.03	11/16	1-1/2	18	38
2-SSC6720	10	200	0.87	2-SSCB6720	200	0.87	2-SSCX6720	10	160	1.04	3/4	1-3/4	19	44
2-SSC6724	10	200	0.91	2-SSCB6724	200	0.91	2-SSCX6724	10	160	1.08	1	2	25	51
2-SSC6728	10	200	0.94	2-SSCB6728	200	0.94	2-SSCX6728	10	160	1.11	1-1/4	2-1/4	32	57
2-SSC6732	10	200	0.99	2-SSCB6732	200	0.99	2-SSCX6732	10	40	1.21	1-1/2	2-1/2	38	63
2-SSC6736	10	100	1.03	2-SSCB6736	100	1.02	2-SSCX6736	10	40	1.24	1-3/4	2-3/4	44	70
2-SSC6740	10	100	1.08	2-SSCB6740	100	1.07	2-SSCX6740	10	40	1.40	2	3	51	76
2-SSC6744	10	100	1.12	2-SSCB6744	100	1.11	2-SSCX6744	10	40	1.42	2-1/4	3-1/4	57	82
2-SSC6748	10	100	1.17	2-SSCB6748	100	1.16	2-SSCX6748		10	1.91	2-1/2	3-1/2	64	89
2-SSC6752	10	100	1.22	2-SSCB6752	100	1.21	2-SSCX6752		10	1.96	2-3/4	3-3/4	70	95
2-SSC6756	10	100	1.26	2-SSCB6756	100	1.25	2-SSCX6756		10	2.00	3	4	76	101
2-SSC6764	10	50	1.35	2-SSCB6764	50	1.33	2-SSCX6764		10	2.09	2-1/2	4-1/2	64	114
2-SSC6772	10	50	1.43	2-SSCB6772	50	1.41	2-SSCX6772		10	2.17	3	5	76	127
2-SSC6780	10	50	1.53	2-SSCB6780	50	1.51	2-SSCX6780		10	2.27	3-1/2	5-1/2	89	140
2-SSC6788	10	50	1.62	2-SSCB6788	50	1.60	2-SSCX6788		10	2.35	4	6	102	152
2-SSC6796	10	50	1.69	2-SSCB6796	50	1.67	2-SSCX6796		10	2.43	4-1/2	6-1/2	114	165
2-SSC67104	10	200	1.77	2-SSCB67104	200	1.76	2-SSCX67104	5		3.03	5	7	127	178
2-SSC67116	10	200	1.89	2-SSCB67116	200	1.88					5-3/4	7-3/4	146	197
2-SSC67128	10	200	2.04	2-SSCB67128	200	2.03	2-SSCX67128			3.30	6-1/2	8-1/2	165	216
2-SSC67140	10	200	2.16	2-SSCB67140	200	2.15					7-1/4	9-1/4	184	235
2-SSC67152	10	200	2.32	2-SSCB67152	200	2.31	2-SSCX67152			3.58	8	10	203	254
2-SSC67188	10	100	2.67				2-SSCX67188			3.93	10-1/2	12-1/4	267	311
2-SSC67224	10	100	3.00	2-SSCB67224	100	2.99					12-1/2	14-1/2	318	368
2-SSC67248	10	100	3.24								14	16	356	406

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STAINLESS STEEL HOSE CLAMP WITH CARBON STEEL SCREW - BII SERIES 2-77

- Yellow dichromate plated carbon steel slotted hex head
- 200 Series Stainless Steel Band and Housing
- 1/2" Wide Band
- All Packaging Is Bar Coded

NOTE: STAINLESS STEEL CLAMPS MUST BE ORDERED IN BAG/CARTON QUANTITIES. BULK CLAMPS MUST BE ORDERED IN CASE QUANTITIES.

The combination of the high nickel content of the 200 series stainless steel and the plating of the carbon steel screw allows this hose clamp to be used in above ground outdoor and indoor applications where corrosion is somewhat of an issue. The yellow coloured screw allows for easy identification against an ALL stainless steel clamp. Used for all standard clamp applications.

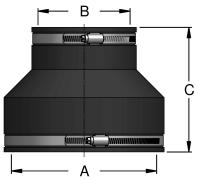
PART NO.	QUANTITY BAG	QUANTITY CTN	LIST-A EACH	BULK PART NO.	QTY BULK	LIST-A EACH	SIZE RNG IN. MIN.	SIZE RNG IN. MAX.	SIZE RNG MM. MIN.	SIZE RNG MM. MAX.
2-SSC7704 *	10	200	0.27	2-SSCB7704 *	200	0.27	1/4	5/8	6.35	15.87
2-SSC7705 *	10	200	0.29	2-SSCB7705 *	200	0.29	5/16	7/8	7.94	22.23
*** #4 & #5 Mini Clamps have 5/16" 200/300 Series Stainless Band and Housing c/w 1/4" Carbon Steel Slotted Hex Head Screw**										
2-SSC7706	10	200	0.58	2-SSCB7706	200	0.58	3/8	7/8	10	22
2-SSC7708	10	200	0.60	2-SSCB7708	200	0.61	7/16	1	11	25
2-SSC7710	10	200	0.62	2-SSCB7710	200	0.63	1/2	1-1/16	13	27
2-SSC7712	10	200	0.65	2-SSCB7712	200	0.66	1/2	1-1/4	13	32
2-SSC7716	10	200	0.68	2-SSCB7716	200	0.69	11/16	1-1/2	18	38
2-SSC7720	10	200	0.73	2-SSCB7720	200	0.71	3/4	1-3/4	19	44
2-SSC7724	10	200	0.76	2-SSCB7724	200	0.74	1	2	25	51
2-SSC7728	10	200	0.80	2-SSCB7728	200	0.79				
2-SSC7732	10	200	0.81	2-SSCB7732	200	0.82	1-1/2	2-1/2	38	63
2-SSC7736	10	100	0.87	2-SSCB7736	100	0.86	1-3/4	2-3/4	44	70
2-SSC7740	10	100	0.93	2-SSCB7740	100	0.92	2	3	51	76
2-SSC7744	10	100	0.96	2-SSCB7744	100	0.95	2-1/4	3-1/4	57	82
2-SSC7748	10	100	1.00	2-SSCB7748	100	0.99	2-1/2	3-1/2	64	89
2-SSC7752	10	100	1.02	2-SSCB7752	100	1.01	2-3/4	3-3/4	70	95
2-SSC7756	10	100	1.06	2-SSCB7756	100	1.05	3	4	76	101
2-SSC7764	10	50	1.17	2-SSCB7764	50	1.15	2-1/2	4-1/2	64	114
2-SSC7772	10	50	1.26	2-SSCB7772	50	1.24	3	5	76	127
2-SSC7780	10	50	1.34	2-SSCB7780	50	1.32	3-1/2	5-1/2	89	140
2-SSC7788	10	50	1.43	2-SSCB7788	50	1.41	4	6	102	152
2-SSC7796	10	50	1.52	2-SSCB7796	50	1.50	4-1/2	6-1/2	114	165
2-SSC77104	10	200	1.61	2-SSCB77104	200	1.60	5	7	127	178
2-SSC77116	10	200	1.73	2-SSCB77116	200	1.72	5-3/4	7-3/4	146	197
2-SSC77128	10	200	1.86	2-SSCB77128	200	1.85	6-1/2	8-1/2	165	216
2-SSC77140	10	200	1.97	2-SSCB77140	200	1.96	7-1/4	9-1/4	184	235
2-SSC77152	10	200	2.09	2-SSCB77152	200	2.08	8	10	203	254
2-SSC77188	10	100	2.42				10-1/2	12-1/4	267	311
2-SSC77224	10	100	2.77	2-SSCB77224	100	2.75	12-1/2	14-1/2	318	368
2-SSC77248	10	100	3.01				14	16	356	406

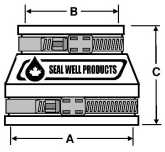
FLEXIBLE COUPLINGS

Flexible couplings for joining dissimilar pipe materials and/or sizes in utility, municipal and plumbing applications, including sewer, drain, waste and vent (DWV) piping applications. Couplings fit over the ends of plain-end or spigot pipe to form a positive seal against infiltration and exfiltration in non-pressure environments. Excellent dimensional flexibility with a tolerance range of approximately ± 5% nominal diameter which allows the coupling to flex with normal earth movement and ensures leak proof seals.

- Flexible elastomeric polyvinyl chloride (PVC) manufactured in compliance with ASTM C564
- Marine Grade 300 series stainless steel clamp UPC Certified to ANSI / SAE J-1670 Standard by IAPMO
- Couplings are marked with both size and pipe materials for easy identification and installation
- Clamps tighten easily with a slotted screwdriver, 5/16" nut driver or socket torque driver set to 60 inch pounds
- Maximum Test Pressure: 4.3 psi (29.6 kPa) • Maximum Operating Temperature: 140°F (60°C)
- UPC Certified to ASTM C1173 & CSA B602 Standards by IAPMO

PART NO.	INDUSTRY NO.	PART DESCRIPTION/ CONNECTION SIZES	DIMENSIONS A IN	B IN	C IN	QTY CASE	LIST PRICE-A
Clay to Clay							
FRC01-40	1001 / 01	4" Clay x 4" Clay	5.29	5.29	4.1	20	24.29
FRC01-5040	1001 / 01	5" Clay x 4" Clay	6.05	5.54	5	10	45.43
FRC01-6040	1001 / 01	6" Clay x 4" Clay	7.3	5.25	6	10	56.46
FRC01-6050	1001 / 01	6" Clay x 5" Clay	7.35	6.56	5.76	10	64.13
FRC01-60	1001 / 01	6" Clay x 6" Clay	7.5	7.5	6	10	60.30
Clay to Cast Iron or Plastic							
FRC02-4030	1002 / 02	4" Clay x 3" C.I. / Plastic	5.24	3.50	3.85	60	14.64
FRC02-40 †	1002 / 02	4" Clay x 4" C.I. / Plastic	5.24	4.50	3.95	18	11.92
FRC02-6040	1002 / 02	6" Clay x 4" C.I. / Plastic	7.40	4.50	5.70	20	19.65
FRC02-60 †	1002 / 02	6" Clay x 6" C.I. / Plastic	7.40	6.56	6	6	19.79
FRC02-8060	1002 / 02	8" Clay x 6" C.I. / Plastic	9.33	6.22	6	10	87.09
FRC02-10080	1002 / 02	10" Clay x 8" C.I. / Plastic	12.4	8.45	6	5	115.67
FRC02-120100	1002 / 02	12" Clay x 10" C.I. / Plastic	14.5	10.5	6	5	145.51
Concrete to Concrete							
FRC04-40	1004 / 04	4" Concrete x 4" Concrete	5.61	5.61	4	20	24.29
FRC04-60	1004 / 04	6" Concrete x 6" Concrete	7.64	7.64	6	10	51.92
FRC04-80	1004 / 04	8" Concrete x 8" Concrete	10.38	10.38	6	10	79.84
FRC04-100	1004 / 04	10" Concrete x 10" Concrete	12.4	12.4	6	5	111.59
FRC04-120	1004 / 04	12" Concrete x 12" Concrete	15.25	15.25	6.38	5	142.54
Concrete to Cast Iron or Plastic							
FRC06-40	1006 / 06	4" Concrete x 4" C.I. / Plastic	5.57	4.50	3.96	30	12.98
FRC06-6040	1006 / 06	6" Concrete x 4" C.I. / Plastic	7.75	4.31	6	10	55.06
FRC06-60	1006 / 06	6" Concrete x 6" C.I. / Plastic	7.78	6.56	5.81	20	28.87
Asbestos / Ductile Iron to Cast Iron Or Plastic							
FRC51-40	1051 / 51	4" Asbestos / D.I. x 4" C.I. / Plastic	4.80	4.50	4.06	25	20.08
FRC51-6040	1051 / 51	6" Asbestos / D.I. x 4" C.I. / Plastic	6.81	4.50	5.93	36	32.55
FRC51-6050	1051 / 51	6" Asbestos / D.I. x 5" C.I. / Plastic	6.81	5.17	6	10	62.53
FRC51-60	1051 / 51	6" Asbestos / D.I. x 6" C.I. / Plastic	6.81	6.56	5.79	20	31.69
Cast Iron, Plastic, Copper, Steel Or Lead to Cast Iron, Plastic, Copper, Steel Or Lead							
FRC56-10	1056 / 56	1" C.I. / Plastic x 1" C.I. / Plastic	1.32	1.32	2.35	100	7.80
FRC56-12	1056 / 56	1-1/4" C.I/Plastic x 1-1/4" C.I./Plastic	1.65	1.65	3.50	100	4.23
FRC56-1512	1056 / 56	1-1/2" C.I./Plastic x 1-1/4" C.I. /Plastic	1.90	1.65	3.50	100	4.49
FRC56-15 †	1056 / 56	1-1/2" C.I/Plastic x 1-1/2" C.I./Plastic	1.90	1.90	3.43	24	4.29
FRC56-2015 †	1056 / 56	2" C.I./Plastic x 1-1/2" C.I. /Plastic	2.40	1.90	3.39	18	4.76
FRC56-20 †	1056 / 56	2" C.I./Plastic x 2" C.I. /Plastic	2.40	2.40	3.40	18	4.75
FRC56-3015	1056 / 56	3" C.I./PL x 1-1/2" C.I. /Plastic	3.50	1.90	3.95	80	7.13
FRC56-3020 †	1056 / 56	3" C.I./Plastic x 2" C.I. /Plastic	3.50	2.40	3.96	24	7.43
FRC56-30 †	1056 / 56	3" C.I./Plastic x 3" C.I. /Plastic	3.50	3.50	4.00	15	8.68
FRC56-4015	1056 / 56	4" C.I./Plastic x 1-1/2" C.I. /Plastic	4.50	1.90	3.95	50	9.50
FRC56-4020	1056 / 56	4" C.I./Plastic x 2" C.I. /Plastic	4.50	2.40	3.95	60	9.04
FRC56-4030 †	1056 / 56	4" C.I./Plastic x 3" C.I. Plastic	4.50	3.50	4.00	15	11.33
FRC56-40 †	1056 / 56	4" C.I./Plastic x 4" C.I./Plastic	4.50	4.50	4.02	24	11.60
FRC56-5040	1056 / 56	5" C.I./Plastic x 4" C.I./Plastic	5.56	4.50	3.95	30	16.35
FRC56-50	1056 / 56	5" C.I./Plastic x 5" C.I./Plastic	5.56	5.56	3.95	30	14.14
FRC56-6040 †	1056 / 56	6" C.I./Plastic x 4" C.I./Plastic	6.56	4.50	5.75	9	16.26
FRC56-6040E	1056 / 56	6" C.I. / Plastic x 4" C.I./ Plastic	6.61	4.46	5.75	10	166.79
FRC56-6050	1056 / 56	6" C.I. / Plastic x 5" C.I./ Plastic	6.56	5.56	6	20	23.78
FRC56-60 †	1056 / 56	6" C.I./Plastic x 6" C.I./Plastic	6.56	6.56	5.70	6	19.24
FRC56-8040	1056 / 56	8" C.I. / Plastic x 4" C.I./ Plastic	8.52	4.50	5.88	10	34.45
FRC56-8060	1056 / 56	8" C.I./Plastic x 6" C.I./Plastic	8.52	6.56	5.88	10	31.63
FRC56-80	1056 / 56	8" C.I./Plastic x 8" C.I./Plastic	8.52	8.52	5.82	10	34.93
FRC56-10080	1056 / 56	10" C.I. / Plastic x 8" C.I./ Plastic	10.63	8.52	6.20	8	59.19
FRC56-100	1056 / 56	10" C.I. / Plastic x 10" C.I./ Plastic	10.63	10.63	6.20	4	68.82
FRC56-120	1056 / 56	12" C.I. / Plastic x 12" C.I./ Plastic	12.50	12.50	6.20	2	76.68





† All Seal Well Products® are manufactured onsite at Boshart Industries. ◇ Eccentric Bottom

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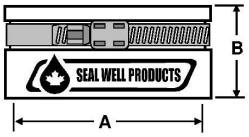
Fax: 1-519-595-4380 - www.boshart.com

FLEXIBLE END CAPS

Flexible end caps or test caps are low cost and reusable caps designed to fit schedule 40 nominal pipe sizes in drain, waste and vent (DWV) piping applications. The caps offer a quick and easy way to terminate pipe ends and cleanouts. The convex face allows the cap to withstand greater pressure for testing and minimize ballooning. Available with and without a hose bibb. End caps with hose bibb allow for filling, pressurizing and easy drainage of water in DWV system testing.

- Flexible elastomeric polyvinyl chloride (PVC) manufactured in compliance with ASTM C564
- Marine Grade 300 series stainless steel clamp UPC Certified to ANSI / SAE J-1670 Standard by IAPMO
- Maximum Test Pressure: 4.3 psi (29.6 kPa)
- Maximum Operating Temperature: 140°F (60°C)
- UPC Certified to PS90-2006 & CSA B602 Standards by IAPMO



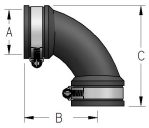
PART NO.	PART DESCRIPTION/ CONNECTION SIZES	DIMENSIONS A IN	B IN	C IN	QTY CASE	LIST PRICE-A
End Cap						
FREC-15 †	1-1/2" C.I. / Plastic End Cap	1.90	1.18		24	3.01
FREC-20 †	2" C.I. / Plastic End Cap	2.38	1.26		24	3.51
FREC-30 †	3" C.I. / Plastic End Cap	3.50	1.40		24	4.57
FREC-40 †	4" C.I. / Plastic End Cap	4.50	1.65		24	6.90
FREC-60	6" C.I./Plastic End Cap	6.56	2.10		40	20.33
End Cap with Hose Bibb						
FRTC-15	1-1/2" CI/Plastic End Cap	1.9	1.18	3.65	12	17.17
FRTC-20	2" CI/Plastic End Cap	2.38	1.26	3.73	12	17.58
FRTC-30	3" CI/Plastic End Cap	3.5	1.4	3.87	12	18.94
FRTC-40	4" CI/Plastic End Cap	4.5	1.65	4.12	12	20.93

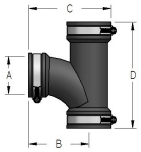
† All Seal Well Products® are manufactured onsite at Boshart Industries.

FLEXIBLE ELBOWS AND TEES

Flexible elbows and tees manufactured from elastomeric PVC provide a quick flexible connection for above ground applications of drain, waste and vent piping. Easily installs in confined spaces and will fit repair jobs where a fitting has been cut out.

- Flexible elastomeric polyvinyl chloride (PVC) manufactured in compliance with ASTM C564
- Marine Grade 300 series stainless steel clamp UPC Certified to ANSI / SAE J-1670 Standard by IAPMO
- Maximum Test Pressure: 4.3 psi (29.6 kPa)
- Maximum Operating Temperature: 140°F (60°C)
- UPC Certified to IGC 198-2004 & CSA B602 Standards by IAPMO





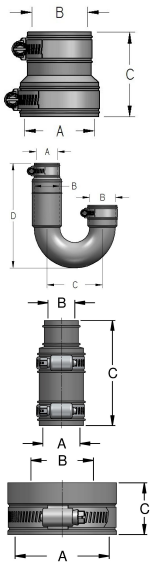
PART NO.	PART DESCRIPTION/ CONNECTION SIZES	DIMENSIONS A IN	B IN	C IN	D IN	QTY CASE	LIST PRICE-A
Elbow							
FRQE-15	1-1/2" C.I./PL x 1-1/2" C.I./PL	1.90	3.15	4.45			8.18
FRQE-20	2" C.I./PL x 2" C.I./PL	2.40	3.80	5.20			8.91
FRQE-30	3" C.I. / Plastic x 3" C.I. / Plastic	3.50	5.90	8.05			20.94
FRQE-40	4" C.I. / Plastic x 4" C.I. / Plastic	4.50	7.20	9.75			29.11
Tee							
FRQT-15	1-1/2" C.I./PL x 1-1/2" C.I./PL	1.90	3.25	4.50	5.75		9.41
FRQT-20	2" C.I./PL x 2" C.I./PL	2.40	5.00	3.80	6.70		11.76
FRQT-30	3" C.I. / Plastic x 3" C.I. / Plastic	3.50	6.15	7.80	10.35		26.74
FRQT-40	4" C.I. / Plastic x 4" C.I. / Plastic	4.50	7.60	10.45	13.05		42.83

FLEXIBLE PLUMBING CONNECTORS

Flexible plumbing connectors offer a quick and economical solution for 1-1/4" or 1-1/2" metal or plastic tubular drain, waste and vent (DWV) piping connections. Can be used to extend, repair or adapt tubular drain pipe to common household drain, waste and vent pipe.

- Flexible polyvinyl chloride (PVC)
- 300 series stainless steel clamp

PART NO.	PART DESCRIPTION/ CONNECTION SIZES	DIMENSIONS A IN	B IN	C IN	D IN	QTY CASE	LIST PRICE-A
Coupling							
FRQTC-15	1-1/2" or 1-1/4" Tub. x 1-1/2" or 1-1/4" Tub.	1.50	1.50	2.36			3.91
Drain and Trap Connector							
FRQDTC-15	1-1/2" C.I./PL x 1-1/4" or 1-1/2" Tub.	1.90	1.50	2.30			4.00
FRQDTC-20	2" C.I./PL x 1-1/4" or 1-1/2" Tub.	2.32	1.50	2.30			4.31
Flexible Trap							
FRQTR-15	1-1/2" or 1-1/4" Tub. Trap	1.25	1.50	3.25	6.15		7.07
Dishwasher Drain Connector							
FRQDWC-10		0.88	0.63 / 0.88	2.65			3.15
Washing Machine Hose Connector							
FRQWMC-2015	2" or 1-1/2" C.I. / Plastic	2.20	1.50	1.27			3.59



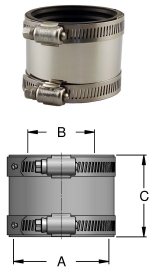
Note: These products are not tested or certified by IAPMO to ASTM , CSA, IGC or PS90 standards.

SHIELDED TRANSITION COUPLINGS

Shielded couplings for joining dissimilar cast iron, copper, plastic and steel pipe and fittings in drain, waste and vent (DWV) piping applications.

- Flexible neoprene gasket manufactured in compliance with ASTM C564
- 300 series stainless steel clamp and shield
- Maximum Test Pressure: 4.3 psi (29.6 kPa)
- Maximum Operating Temperature: 140°F (60°C)
- UPC Certified to ASTM C1277 & CSA B602 Standard

PART NO.	INDUSTRY NO.	CONNECTION SIZES	DIMENSIONS A IN	B IN	C IN	QTY CASE	LIST PRICE-A
SC01-15	3001 / CK	1-1/2" C.I. / Plastic x 1-1/2" Copper or 1-1/4" Plastic	1.91	1.66	2.13		**8.05**
SC01-1512	3001 / CK	1-1/2" C.I. / Plastic x 1-1/4" Copper or 1" Plastic	1.91	1.35	2.13		**8.58**
SC01-20	3001 / CK	2" C.I. / Plastic x 2" Copper	2.41	2.00	2.13		**9.76**
SC01-2015	3001 / CK	2" C.I. / Plastic x 1-1/2" Copper or 1-1/4" Plastic	2.41	1.66	2.13		**10.22**
SC01-30	3001 / CK	3" C.I. x 3" Copper	3.30	3.00	2.13		**12.74**
SC03-15	3003 / K	1-1/2" Copper x 1-1/2" Copper or 1-1/4" Plastic	1.66	1.66	2.13		**7.63**
SC03-20	3003 / K	2" Copper x 2" Copper	2.00	2.00	2.13		**10.80**
SC03-2015	3003 / K	2" Copper x 1-1/2" Copper or 1-1/4" Plastic	2.00	1.66	2.13		**11.75**
SC03-30	3003 / K	3" Copper x 3" Copper	3.00	3.00	2.13		**14.32**



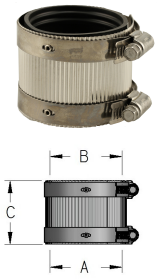
** For 3" Cast Iron to 3" Copper only.

NO HUB - "MJ" MECHANICAL JOINT COUPLINGS

Shielded couplings for joining hubless cast iron pipe and fittings in drain, waste and vent (DWV) piping applications.

- Beaded elastomeric gasket manufactured in compliance with ASTM C564.
- 300 series stainless steel clamp and corrugated shield
- Maximum Test Pressure: 4.3 psi (29.6 kPa)
- Maximum Operating Temperature: 140°F (60°C)
- UPC Certified to ASTM C1277 & CSA B602 Standard

PART NO.	PART DESCRIPTION/ CONNECTION SIZES	DIMENSIONS A IN	B IN	C IN	QTY CASE	LIST PRICE-A
NHC-15	1-1/2" C.I. / Plastic Shielded Coupling	1.90	1.90	2.12		**4.27**
NHC-20	2" C.I. / Plastic Shielded Coupling	2.40	2.40	2.12		**4.84**
NHC-2015	2" x 1-1/2" C.I. / Plastic Shielded Coupling	2.40	1.90	2.12		**6.35**
NHC-30	3" C.I. / Plastic Shielded Coupling	3.50	3.50	2.12		**6.08**
NHC-40	4" C.I. / Plastic Shielded Coupling	4.50	4.50	2.12		**6.86**
NHC-50 **	5" C.I. / Plastic Shielded Coupling	5.56	5.56	2.98		**15.66**
NHC-60 **	6" C.I. / Plastic Shielded Coupling	6.56	6.56	2.98		**16.22**



** Come with 4 clamps joined to shield.

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SECTION 5
FILTRATION PRODUCTS

PRODUCT LINE **PAGE**

Filtration Products Information & Facts 1

Standard Filter Housing Packages 2

Valve-In-Head Packages 3

High Temperature Housing Packages 4

Stainless Steel Housing Packages 4

Giant Housing Packages 5

Sediment Cartridges 7

Taste and Odour Cartridges 9

"T" Standard and In-Line 13

Combo Filter Housings 16

Combo Sand Separators 17

High Temp Housing / Filter Elements 18

Accessories 19

Replacement Elements 20

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BII FILTRATION PRODUCTS

HOUSING ORDERING INFORMATION

14HK - S_ 10 C - 07
XXXX XX XX X - XX

- **Inlet/Outlet Connection:** 03 (3/8"), 05 (1/2"), 07 (3/4"), 10 (1"), 15 (1.5"), 20 (2")
- **Bowl Colour:** "C" Clear, "B" Blue, "R" Red, "BK" Black,"W" White
- **Bowl Length:** 5, 10, 20, 30 and 40 inch
- **Housing Style:** "S" - Standard "V"-Valve-In-Head "G"- Giant "HT"- High Temp "SS" -S.S. Single Tube
- **Filter Group:** "14H" Housings "14A" Filter Accessories "14FHK" Filter Housing Kit "14HK" Housing Kit "14PT" Replacement Parts "14FHPT" Filter Housing Parts

CARTRIDGE ORDERING INFORMATION

14 - PPE 1 - 05 - 2PK
XX - XXX X - XX - XXX

- **2 Pack Option**
- **Nominal Micron Rating:** 0.35=0.35 micron, 05=5 micron, 10=10 micron, 20=20 micron, etc.
- **Nominal Cartridge:** Length 1=9 3/4" , 2=20" , 3=30" and 4=40"
- **Cartridge Style** (Models starting with "G" are for giant filter housings):

"PPE" & "GPPE" Pleated Polyester
"SP" & "GSP" Spun Polypropylene
"SWP" & "GSWP" String W. Polypropylene
"SWBC" & "GSWBC" String W. Bleach Cotton
"SWNC" String W. Natural Cotton
"IM" Icemaker/Inline
"CB" & "GCB" Carbon Block
"CCR" Carbon Cyst Removal
"CW" & "GCW" Powder Activated Carbon Wrap
"GAC" & "GGAC" Granular Activated Carbon

- **Filter Group:** "14" Filter Cartridges

IMPORTANT FILTRATION FACTS

NSF (NATIONAL SANITARY FOUNDATION) STANDARDS INFO: Notes such as "meets / conforms to NSF standard 42, 53, 61" do not mean or guarantee that the cartridge actually is NSF approved. This may indicate that the manufacturer has manufactured the cartridge in accordance to this standard.
NSF STANDARD 42 - Drinking water treatment units - aesthetic effects. Standard 42 covers point-of-use and point-of entry (POU / POE) systems designed to reduce specific aesthetic, or non-health effects contaminants (chlorine, TDS, particulates) that may be found in drinking water that is considered to be microbiologically safe; **NSF 53** - Drinking water treatment units - health effects. It covers point-of-use and point-of-entry (POU/ POE) systems designed to reduce specific health related contaminants (cryptosporidium and giardia cysts, volatile organic chemicals, lead, etc) that may be present in public or private drinking water that is considered to be microbiologically safe; **NSF 61** - covers specific materials or products that come into contact with drinking water, drinking water chemicals, or both.
FLOW RATES: Actual maximum flow rates vs. pressure drop will be determined based on cartridge selections and fluid viscosity.
CARBON FINES: An activated carbon cartridge (Taste/Odour) may contain a small amount of carbon fines (very fine black powder) and a new cartridge, after installation, should be flushed with sufficient water to remove the fines before using the water.
CELLULOSE: Certain types of harmless bacteria will attack cellulose material. Cartridges containing cellulose may seem to disintegrate, produce a "sewer" or "rotten-egg" odour, or form a black precipitate due to the bacteria. If you notice any of the above problems while using the cellulose media cartridges, switch to a synthetic media cartridge or consult the manufacturer.
CHANGE OUT: Replacement cartridges have a limited service life. Changes in taste, colour and flow of the water being filtered are signals that replacement of the cartridge is or soon may be necessary.

INSTALLATION / MAINTENANCE INFORMATION

WARNING: ALWAYS TEST WATER: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the unit.
FLUSH SYSTEM: Each time you use water from your filtered water tap for drinking or cooking purposes, it is recommended that you run (flush) the tap at least 10 seconds prior to using water. This is particularly important if the water tap is not used daily.
HANDLE WITH CARE: Scratching, bumping and dropping can cause structural damage, **Clear** bowls are more susceptible to damage.
SUNLIGHT - U.V. WARNING: **Clear** bowls must not be exposed to sunlight. Always use blue bowls where there is UV exposure.
FREEZING WARNING: **All** plastic housings must be protected against freezing. Failure to due so may result in cracking of the filter and water leakage.
SOLVENTS WARNING: **Clear** housings may crack with time causing failure and leakage, if exposed to organic solvents such as those found in aerosol sprays for cleaning products and insecticides.
NEVER EXCEED MAX PRESSURE RATING: If pressure surges are a possibility, use a pressure reducing valve to protect from excessive pressure. Extreme caution should be taken in multi storey buildings where high pressure can build due to the high feet head of water.
CHANGE FILTER BOWLS: To prevent costly repairs or possible water damage we strongly recommend that the bowl or sump of all plastic housings be replaced periodically: every *five years* for clear sumps, and every *ten years* for opaque sumps. If your sump has been in use for more than the recommended period, it should be replaced immediately. Be sure to date any new or replacement sump for future reference and indicate the next recommended replacement date.
INSTALLATIONS OTHER THAN POTABLE WATER: Since these products may be used under conditions beyond Boshart Industries control that cannot be anticipated, Boshart Industries makes no guarantee or warranty whether expressed or implied concerning the suitability of these products or recommendations for any purpose other than the ordinary purposes for which such products are used. We strongly advise users to conduct their own tests to determine the safety and suitability of these products for the user's specific application. **CAUTION**: All filtration systems contain other parts that have a limited service life. Exhaustion of the service life of those parts often cannot be easily detected. Commonly, it is only after leakage has been observed or water damage has occurred that one is made aware that the service life has been exhausted. Therefore, filters should be installed in an area where leakage will not cause property damage.

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NO LEAD LEAD-FREE

STANDARD FILTER HOUSING KIT

APPLICATION

- Water Well
- Agriculture
- Point of use (Under sink / Taste & Odour)
- Greenhouses / Drip Irrigation
- Whole House Residential
- Recreational Vehicle

SPECIFICATION

- Threads conform to ANSI/ASME B1.20.1
- Max Pressure Rating: Blue 100 PSI / Clear 60 PSI
- Temperature Rating: 39-125°F (4-52°C)
- Filter head comes with pressure relief button on inlet side
- Mounting bosses molded in head for installation with mounting bracket
- Housing kit comes complete with filter housing, 1 O-ring installed plus 1 replacement O-ring, mounting bracket & hardware, and filter bowl wrench
- Accepts industry standard cartridges (not included)

HOUSING KIT

PART NO.	INLET/ OUTLET	BOWL LENGTH	INITIAL FLOW RATE	DIMENSIONS	QUANTITY CTN	LIST PRICE-A
14FHK-SB-1007	3/4" NPT	10" Blue	7 PSI @ 11 GPM*	11.81" x 5.14"	12	36.14
14FHK-SC-1007	3/4" NPT	10" Clear	7 PSI @ 11 GPM*	11.81" x 5.14"	12	41.02
14FHK-SB-2007	3/4" NPT	20" Blue	7 PSI @ 11 GPM*	21.69" x 5.14"	8	76.17
14FHK-SC-2007	3/4" NPT	20" Clear	7 PSI @ 11 GPM*	21.69" x 5.14"	8	101.57
14HK-S10C-07SS **	3/4" NPT	10" Clear	7 PSI @ 11 GPM*	12.20" x 4.72"	12	54.77

**Filter head is white polypropylene and comes with 304 stainless steel thread inserts. Housing Kit is not certified to NSF
* Actual flow rates and pressure drop will be determined based on cartridge selection and fluid viscosity.

ACCESSORIES

PART NO.	DESCRIPTION	LIST PRICE-A
14FHPT-SFW	Standard Filter Wrench	**4.28**
14FHPT-SOR	Standard Housing O-ring	**1.33**
14FHPT-SMB	Standard Mounting Bracket with Hardware	**6.22**

REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE-A
14FHPT-SH-07	Standard Filter Head	**18.10**
14FHPT-SB-10B	Standard Filter Bowl - 10" Blue	**19.43**
14FHPT-SB-10C	Standard Filter Bowl - 10" Clear	**23.05**
14FHPT-SB-20B	Standard Filter Bowl - 20" Blue	**46.80**
14FHPT-SB-20C	Standard Filter Bowl - 20" Clear	**57.98**

STANDARD SLIM FILTER HOUSING KIT

APPLICATION

- Water Well
- Agriculture
- Point of use (Under sink / Taste & Odour)
- Greenhouses / Drip Irrigation
- Whole House Residential

SPECIFICATION

- Threads conform to ANSI/ASME B1.20.1
- Max Pressure Rating: 125 PSI
- Temperature Rating: 39-125°F (4-52°C)
- Filter head comes with pressure relief button on inlet side
- Mounting bosses molded in head for installation with mounting bracket
- Housing kit comes complete with filter housing, 1 O-ring installed plus 1 replacement O-ring, mounting bracket & hardware, and filter bowl wrench
- Accepts industry standard cartridges (not included)
- Less space needed for installation without reducing capacity
- Double O-ring design for ease of opening and closing

HOUSING KIT

PART NO.	INLET/ OUTLET	BOWL LENGTH	INITIAL FLOW RATE	DIMENSIONS	QUANTITY CTN	LIST PRICE-A
14FHK-SLB-1007	3/4" NPT	10" Blue	7 PSI @ 11 GPM*	11.65" x 4.61"	15	30.46
14FHK-SLC-1007	3/4" NPT	10" Clear	7 PSI @ 11 GPM*	11.65" x 4.61"	15	32.43
14FHK-SLB-2007	3/4" NPT	20" Blue	7 PSI @ 11 GPM*	22.33" x 4.61"	8	63.29
14FHK-SLC-2007	3/4" NPT	20" Clear	7 PSI @ 11 GPM*	22.33" x 4.61"	8	70.04

* Actual flow rates and pressure drop will be determined based on cartridge selection and fluid viscosity.

ACCESSORIES

PART NO.	DESCRIPTION	LIST PRICE-A
14FHPT-SLFW	Standard Slim Filter Wrench	**2.51**
14FHPT-SLOR	Standard Slim Housing O-ring	**0.89**
14FHPT-SLMB	Standard Slim Mounting Bracket with Hardware	**5.28**

REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE-A
14FHPT-SLH-07	Standard Slim Filter Head	**6.79**
14FHPT-SLB-10B	Standard Slim Filter Bowl - 10" Blue	**18.16**
14FHPT-SLB-10C	Standard Slim Filter Bowl - 10" Clear	**21.78**
14FHPT-SLB-20B	Standard Slim Filter Bowl - 20" Blue	**50.99**
14FHPT-SLB-20C	Standard Slim Filter Bowl - 20" Clear	**59.76**

VALVE-IN-HEAD KIT

APPLICATION

- Agriculture
- Commercial
- Drip Irrigation / Greenhouse
- Food Processing
- Lab / Photographic / Vending Equipment
- Recreational Vehicles
- Water Well
- Whole House Residential

SPECIFICATION

- Threads conform to ANSI/ASME B1.20.1
- Max Pressure Rating: 90 PSI
- Temperature Range: 40-100°F (4-38°C)
- On, Off and Bypass positions built into head
- Housing kit comes complete with filter housing, 1 O-ring installed plus 1 replacement O-ring, mounting bracket & hardware, and filter bowl wrench
- Accepts industry standard cartridges (not included)

HOUSING KIT

PART NO.	INLET/ OUTLET	BOWL LENGTH	FLOW RATE PSI @ GPM	DIMENSIONS	QUANTITY CTN	LIST PRICE-A
14HK-V10C-07	3/4" FPT	10" Clear	1 @ 10*	13.78" x 5.16"	12	**63.22**
14HK-V10C-07SS **	3/4" FPT	10" Clear	1 @ 10*	13.78" x 5.16"	12	**91.07**
14HK-V10B-07	3/4" FPT	10" Blue	1 @ 10*	13.78" x 5.16"	12	**61.93**

** Filter head is white polypropylene and comes with 304 stainless steel thread inserts
* Actual flow rates and pressure drop will be determined based on cartridge selection and fluid viscosity.

ACCESSORIES

PART NO.	DESCRIPTION	LIST PRICE-A
14A-MBU-01	"U" Style mounting bracket with hardware	5.79
14A-FWS-03	Blue full circle filter wrench	2.70
14A-ORS-03	NBR "O"-Ring	1.47

REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE-A
14PT-VH-07	Blue Head	30.80
14PT-VH-07SS	White Head c/w S.S. Inserts	63.53
14PT-SB-10C	Clear Bowl	22.14
14PT-SB-10B	Blue Bowl	18.68

5" STANDARD HOUSING PACKAGE

APPLICATION

- Residential Water
- Point of use (Under sink / Taste & Odour)
- Recreational Vehicles

SPECIFICATION

- Max Pressure Rating: 125 PSI
- Max Temperature Rating: 120°F (50°C)
- Black polypropylene filter head (c/w pressure relief button)
- White polypropylene bowl
- Housing kit comes complete with filter housing, 1 O-ring installed plus 1 replacement O-ring, mounting bracket & hardware, and filter bowl wrench
- Accepts industry standard cartridges (not included)

HOUSING KIT

PART NO.	INLET/ OUTLET	BOWL LENGTH	FLOW RATE PSI @ GPM	DIMENSIONS	QUANTITY CTN	LIST PRICE-A
14HK-S5W-05	1/2" FPT	5" White	1 @ 10*	7.48" x 4.28"	18	36.50

* Actual flow rates and pressure drop will be determined based on cartridge selection and fluid viscosity.

ACCESSORIES

PART NO.	DESCRIPTION	LIST PRICE-A
14A-MBS-03	"L" style zinc-plated mounting bracket with hardware	2.66
14A-ORS-237	AS568-237 NBR "O"-Ring	0.53
14A-FWS-03	White full circle filter wrench	2.70

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STANDARD HIGH TEMPERATURE FILTER HOUSING KIT

APPLICATION
- Hot Water / Liquids
- Salt Water Fisheries
- Photographic

SPECIFICATION
- Threads conform to ANSI/ASME B1.20.1
- Max Pressure Rating: 125 PSI
- Temperature Rating: 39-165°F (4-73.9°C)
- Mounting bosses molded in head for installation with mounting bracket
- Housing kit comes complete with filter housing, 1 O-ring installed plus 1 replacement O-ring, mounting bracket & hardware, and filter bowl wrench
- Accepts industry standard cartridges (not included)
- Ideal for a wide range of commercial and industrial applications
- Excellent alternative to stainless and carbon housings
- Durable glass-reinforced nylon construction

HOUSING KIT

PART NO.	INLET/ OUTLET	BOWL LENGTH	INITIAL FLOW RATE	DIMENSIONS	QUANTITY CTN	LIST PRICE-A
14FHK-HTR-1007	3/4" NPT	10" Red	7 PSI @ 10 GPM*	12.27" x 5.14"	12	120.16

* Actual flow rates and pressure drop will be determined based on cartridge selection and fluid viscosity.

ACCESSORIES

PART NO.	DESCRIPTION	LIST PRICE-A
14FHPT-SFW	Standard Filter Wrench	**4.28**
14FHPT-HTOR	High Temperature Housing O-ring	**5.27**
14FHPT-SMB	Standard Mounting Bracket with hardware	**6.22**

REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE-A
14FHPT-HT-07	High Temperature Filter Head	**33.47**
14FHPT-HT-10R	High Temperature Bowl - 10" Red	**100.53**

EXTREME TEMP. / PRESSURE SINGLE TUBE STAINLESS STEEL HOUSING KIT

APPLICATION
- Agriculture
- Chemical
- Industrial / Commercial
- Institutional
- Point of use
- Restaurant

SPECIFICATION
- Threads conform to ANSI/ASME B1.20.1
- Max Pressure Rating: 300 PSI (when filter has pipe plug installed)
- Max Temperature Rating: 300°F (149°C)
- Filter head held in place by stainless steel retainer ring
- Mounting bosses molded in head for installation with mounting bracket
- Housing kit comes complete with filter housing, mounting bracket, hardware and wrench
- Accepts industry standard cartridges (not included)
- For high pressure and hot water applications not suited for plastic housings

HOUSING KIT

PART NO.	INLET/ OUTLET	BOWL LENGTH	FLOW RATE PSI @ GPM	DIMENSIONS	QUANTITY CTN	LIST PRICE-A
14HK-SS10-07	3/4" FPT	10"	1 @ 10*	12.88" x 4.13"	12	454.41
14HK-SS20-07	3/4" FPT	20"	1 @ 15*	22.75" x 4.13"	6	668.25

NOTE: Multi-tube available. Please call your Sales Representative for pricing.

* Actual flow rates and pressure drop will be determined based on cartridge selection and fluid viscosity.

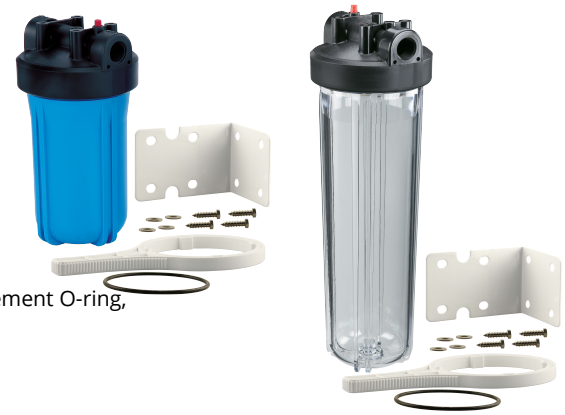
ACCESSORIES

PART NO.	DESCRIPTION	LIST PRICE-A
14A-FWSS-03	Filter Wrench S.S. Housing	3.13
14A-ORSS-03	Viton "O" Ring For S.S.housing	4.34
14A-MBSS-03	Mounting Bracket S.S. Housing	9.16
14A-TGSS-03	Viton 'L' Top Gasket Seal for SS Housing	10.68

GIANT FILTER HOUSING KIT

APPLICATION

- Agriculture
- Drip Irrigation / Greenhouses
- Food Processing
- Industrial / Commercial
- R.O. Systems
- Spas & Hot Tub
- Water Wells
- Whole House Residential



SPECIFICATION

- Threads conform to ANSI/ASME B1.20.1
- Max Pressure Rating: 90 PSI
- Temperature Rating: 39-100°F (4-38°C)
- Filter head comes with pressure relief button on inlet side
- Mounting bosses molded in head for installation with mounting bracket
- Housing kit comes complete with filter housing, 1 O-ring installed plus 1 replacement O-ring, mounting bracket & hardware, and filter bowl wrench
- Accepts industry standard cartridges (not included)
- Large capacity suitable for high flow applications

HOUSING KIT

PART NO.	INLET/ OUTLET	BOWL LENGTH	INITIAL FLOW RATE	DIMENSIONS	QUANTITY CTN	LIST PRICE-A
14FHK-GB-1007	3/4" NPT	10" Blue	7 PSI @ 12 GPM*	13.51" x 7.38"	6	107.20
14FHK-GB-1010	1" NPT	10" Blue	7 PSI @ 13 GPM*	13.51" x 7.38"	6	107.20
14FHK-GB-1015	1-1/2" NPT	10" Blue	7 PSI @ 14 GPM*	13.51" x 7.38"	6	107.20
14FHK-GC-1007	3/4" NPT	10" Clear	7 PSI @ 12 GPM*	13.51" x 7.38"	6	127.01
14FHK-GC-1010	1" NPT	10" Clear	7 PSI @ 13 GPM*	13.51" x 7.38"	6	127.01
14FHK-GC-1015	1-1/2" NPT	10" Clear	7 PSI @ 14 GPM*	13.51" x 7.38"	6	127.01
14FHK-GB-2007	3/4" NPT	20" Blue	7 PSI @ 12 GPM*	23.16" x 7.38"	6	175.84
14FHK-GB-2010	1" NPT	20" Blue	7 PSI @ 14 GPM*	23.16" x 7.38"	6	175.83
14FHK-GB-2015	1-1/2" NPT	20" Blue	7 PSI @ 15 GPM*	23.16" x 7.38"	6	175.83
14FHK-GC-2010	1" NPT	20" Clear	7 PSI @ 14 GPM*	23.16" x 7.38"	6	198.81
14FHK-GC-2015	1-1/2" NPT	20" Clear	7 PSI @ 15 GPM*	23.16" x 7.38"	6	205.29

* Actual flow rates and pressure drop will be determined based on cartridge selection and fluid viscosity.

ACCESSORIES

PART NO.	DESCRIPTION	LIST PRICE-A
14FHPT-GFW	Giant Filter Wrench	**5.33**
14FHPT-GOR	Giant Housing O-ring	**3.62**
14FHPT-GMB	Giant Mounting Bracket with Hardware	**21.71**

REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE-A
14FHPT-GH-07	Giant Filter Head - 3/4" NPT	**44.14**
14FHPT-GH-10	Giant Filter Head - 1" NPT	**44.14**
14FHPT-GH-15	Giant Filter Head - 1-1/2" NPT	**44.14**
14FHPT-GB-10B	Giant Filter Bowl - 10" Blue	**52.52**
14FHPT-GB-10C	Giant Filter Bowl - 10" Clear	**99.26**
14FHPT-GB-20B	Giant Filter Bowl - 20" Blue	**75.25**
14FHPT-GB-20C	Giant Filter Bowl - 20" Clear	**169.56**

GIANT HIGH TEMPERATURE HOUSINGS

APPLICATION

- Alcohols / Toluene / Xylene
- Gasoline
- Hot Water / Liquids
- Photographic
- Salt Water Fisheries
- Vegetable Oils

SPECIFICATION

- Threads conform to ANSI/ASME B1.20.1
- Max Pressure Rating: 100 PSI
- Max Temperature Rating: 180°F (82°C)
- Mounting bosses molded in head for installation with mounting bracket
- Securely retained O-ring eliminates potential leaks due to misplacement
- Accepts industry standard cartridges (not included)
- Suitable for high pressure service
- Excellent alternative to stainless and carbon housings
- Durable glass-reinforced nylon construction

PART NO.	INLET/ OUTLET	BOWL LENGTH	FLOW RATE PSI @ GPM	DIMENSIONS	QTY CASE	LIST PRICE-A
14H-GHT10BK-1015	1" & 1-1/2" FPT	10" Black	1 @ 20*	13.33" x 7.54"	1	765.86
14H-GHT20BK-1015	1" & 1-1/2" FPT	20" Black	1 @ 25*	23.71" x 7.54"	1	925.59

* Actual flow rates and pressure drop will be determined based on cartridge selection and fluid viscosity.

ACCESSORIES

PART NO.	DESCRIPTION	LIST PRICE-A
14A-MBG-03	"L" -style white powder coated steel mounting bracket with hardware	35.27
14A-GFW-01	Giant universal black plastic filter wrench	12.60
14A-GOR-01	B358 Buna-N replacement "O"-ring	2.19

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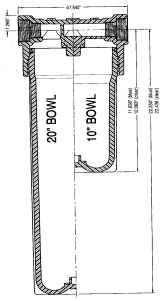
GIANT HOUSINGS

APPLICATION

- Agriculture
- Drip Irrigation / Greenhouse
- Food Processing
- Industrial / Commercial
- Restaurants
- Water Wells
- Whole House Residential



SPECIFICATION

- Threads conform to ANSI/ASME B1.20.1
- Max Pressure Rating: 100 PSI
- Max Temperature Rating: 125°F (52°C)
- Mounting bosses molded in head for installation with mounting bracket
- Securely retained O-ring eliminates potential leaks due to misplacement
- Accepts industry standard cartridges (not included)

PART NO.	INLET/ OUTLET	BOWL LENGTH	FLOW RATE PSI @ GPM	DIMENSIONS	QTY CASE	LIST PRICE-A
14H-G10C-1015	1" & 1-1/2" FPT	10" Clear	1 @ 20*	13.33" x 7.54"	4	325.46
14H-G20C-1015	1" & 1-1/2" FPT	20" Clear	1 @ 25*	23.71" x 7.54"	4	366.69

* Actual flow rates and pressure drop will be determined based on cartridge selection and fluid viscosity.

ACCESSORIES

PART NO.	DESCRIPTION	LIST PRICE-A
14A-MBG-03	"L" -style white powder coated steel mounting bracket with hardware	35.27
14A-GFW-01	Giant universal black plastic filter wrench	12.60
14A-GOR-01	B358 Buna-N replacement "O"-ring	2.19

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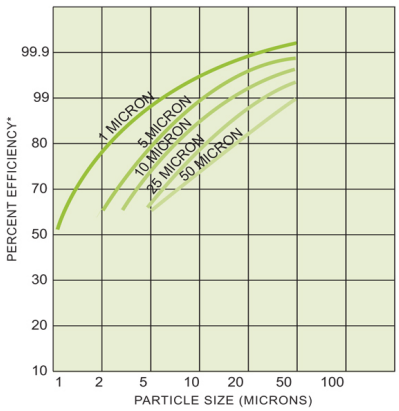
PLEATED POLYESTER CARTRIDGES

APPLICATION

The polyester pleated filters are suited for a variety of uses and can be used in residential, commercial and industrial applications. The non-woven polyester filter media is pleated around a polypropylene core for added strength and stability. The pleated surface area provides greater sediment and dirt holding capacity while maintaining flow rate and reducing initial pressure drop.



FEATURES

- Cartridges can be cleaned and reused in most applications and micron ratings

CONSTRUCTION

• Filter Media	Non-woven polyester
• End Caps	Polypropylene with TPR Gasket
• Core	Polypropylene
• Temperature rating	40°F to 125°F 4.4°C to 51.7°C

2 1/2" X 9 3/4"

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN	MICRON RATINGS
14-PPE1-01	**9.33**	1 psi @ 10 gpm	50		1
14-PPE1-05	**9.33**	1 psi @ 10 gpm	50		5
14-PPE1-05-2PK	17.73	1 psi @ 10 gpm	24		5
14-PPE1-10	**9.33**	1 psi @ 10 gpm	50		10
14-PPE1-20	**9.33**	1 psi @ 10 gpm	50		20
14-PPE1-20-2PK	17.73	1 psi @ 10 gpm	24		20
14-PPE1-50	**9.33**	1 psi @ 10 gpm	50		50

2 1/2" X 20"

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN	MICRON RATINGS
14-PPE2-05	**18.39**	1 psi @ 10 gpm	25		5
14-PPE2-20	**18.39**	1 psi @ 10 gpm	25		20

GIANT **4 1/2" X 9 3/4"**

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN	MICRON RATINGS
14-GPPE1-01	**19.49**	1 psi @ 10 gpm	20		1
14-GPPE1-05	**19.49**	1 psi @ 10 gpm	20		5
14-GPPE1-20	**19.49**	1 psi @ 10 gpm	20		20
14-GPPE1-50	**19.49**	1 psi @ 10 gpm	20		50

4 1/2" X 20"

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN	MICRON RATINGS
14-GPPE2-01	**38.70**	1 psi @ 20 gpm	10		1
14-GPPE2-05	**38.70**	1 psi @ 20 gpm	10		5
14-GPPE2-20	**38.70**	1 psi @ 20 gpm	10		20
14-GPPE2-50	**38.70**	1 psi @ 20 gpm	10		50

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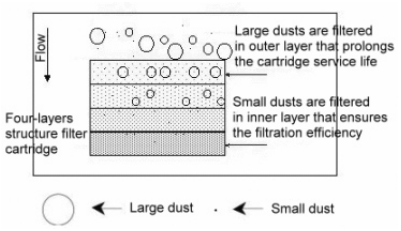
SPUN POLYPROPYLENE GRADIENT DEPTH CARTRIDGES

The BII filter cartridge is manufactured with melt blown technology into a multi-layer structure to provide superior filter efficiency, pressure drop and cartridge life.



APPLICATION
- Standard specification meets most of the housings in the market.
- General industrial RO systems, food and beverage, commercial and home RO system use.

FEATURES
- Gradient four (4) layer (outside-in), varied micron rate filter structure to capture particles (from larger to smaller) effectively and prolong cartridge life. Cartridge can achieve up to two times that of the double layers.
- 100% high purity polypropylene which is surfactant free, binder free and adhesive free.
- Good chemical resistance and is not prone to bacterial attack.

OPERATING CONDITIONS
- Maximum operating temperature rating: 140°F (60°C)
- Maximum operating forward pressure drop: 60(C): 1.8kg/cm2; 20(C) 3.2 kg/cm2
- Replacing pressure drop 1.5kg/cm2

PRODUCT SPECIFICATIONS
- Micron rating: (Normal/Nominal)
- Materials of construction: 100% melt-blown micron-denier polypropylene fiber
- Length 9.87" Inner Diameter: 28 mm Outer Diameter: 63 mm

NSF Certified
NSF/ANSI Standard 42

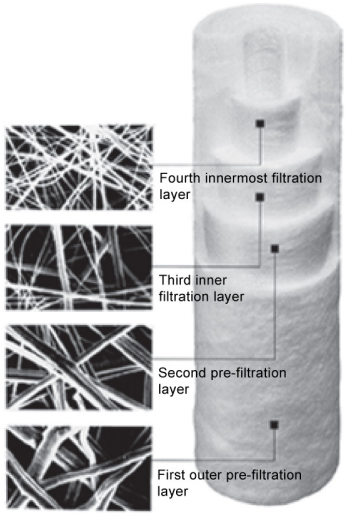
2 1/2" x 9 7/8"			2 1/2" x 20"					
PART NO.	LIST PRICE-A	FLOW GPM	PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN	MICRON RATING
14-SP1-01	**3.13**	1 - 3	14-SP2-01	6.05	1 - 6	20		1
14-SP1-05	**3.13**	1 - 5	14-SP2-05	6.05	1 - 10	20		5
14-SP1-05-2PK	5.95	1 - 5				10		5
14-SP1-10	**3.13**	1 - 10	14-SP2-10	6.05	1 - 20	20		10
14-SP1-25	**3.13**	1 - 12	14-SP2-25	6.05	1 - 30	20		25
14-SP1-25-2PK	5.95	1 - 12				10		25
14-SP1-50	**3.13**	1 - 17	14-SP2-50	6.05	1 - 35	20		50

NOTE: 30" and 40" cartridges available upon request.

GIANT SPUN POLYPROPYLENE GRADIENT DEPTH CARTRIDGES

APPLICATION
- Standard specifications meets most of the housings in the market.
- Domestic and commerical Pre-RO (Reverse Osmosis) usage.

FEATURES
- Gradient four (4) layer (outside-in), varied micron rate filter structure to capture particles (from larger to smaller) effectively and prolong cartridge life. Cartridge can achieve up to two times that of the double layers.
- 100% high purity polypropylene which is surfactant free, binder free and adhesive free.
- Good chemical resistance and is not prone to bacterial attack.



OPERATING CONDITIONS
- Maximum operating temperature: 176°F(80°C)
- Maximum pressure drop: 80 psi
- Recommended replacable pressure drop: 35 psi

NSF Certified
NSF/ANSI Standard 42

PRODUCT SPECIFICATIONS
- Micron rating: (Normal/Nominal).
- Materials of construction: 100% melt-blown micron-denier polypropylene fiber.
- Length 10" Inner Diameter: 30 mm Outer Diameter: 110 mm

4 1/2" x 10"			4 1/2" x 20"					
PART NO.	LIST PRICE-A	FLOW GPM	PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN	MICRON RATING
14-GSP1-01	**14.82**	1 - 10	14-GSP2-01	**29.37**	1 - 15	8		1
14-GSP1-05	**14.82**	1 - 15	14-GSP2-05	**29.37**	1 - 25	8		5
14-GSP1-10	**14.82**	1 - 20	14-GSP2-10	**29.37**	1 - 30	8		10
14-GSP1-25	**14.82**	1 - 25	14-GSP2-25	**29.37**	1 - 35	8		25

NOTE: 30" and 40" cartridges available upon request.

BOSHART INDUSTRIES

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Fax: 1-519-595-4380 - www.boshart.com

STRING WOUND "FDA" POLYPROPYLENE CARTRIDGE

APPLICATION

- For a wide range of filtering applications, manufactured from FDA grade polypropylene. These cartridges are very suitable for potable water filtration. Ideal for removing very fine sediment right through to very coarse sediment, at ambient temperatures. NOTE: Be careful when comparing pricing - there are lower cost "INDUSTRIAL GRADE" polypropylene cartridges being sold that are not meant for filtering potable water.

CONSTRUCTION / RATING

- Cartridge is made by diagonally winding a precise pattern of carefully selected fibers on a centre core. The pattern is designed to create hundreds of identical, tapered, spiral passageways. During the winding, fibers are combed across the passage and locked in place by succeeding layers. Solid particles are removed by entrapment in this highly efficient filter media. Filtration takes place throughout the entire cartridge, not just on the surface, so large amounts of contaminant are trapped without a sudden rise in pressure caused by surface blinding. By varying the wind pattern, cartridges are fabricated to give a pre-determined micrometre rating.
- Filter media: Polypropylene Centre core: Polypropylene • Temperature rating: 120°F (49°C)

FDA POLY

NSF Certified
NSF/ANSI Standard 42

2 1/2" X 9 7/8"

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN
14-SWP1-01	7.58	1-3	1	30
14-SWP1-05	**7.18**	1-5	1	30
14-SWP1-05-2PK	13.64	1-5	1	14
14-SWP1-10	**6.94**	1-10	1	30
14-SWP1-25	**6.64**	1-15	1	30
14-SWP1-25-2PK	12.62	1-15	1	14
14-SWP1-50	**6.54**	1-20	1	30

2 1/2" X 20"

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN	MICRON RATINGS
14-SWP2-01	14.75	1-6	1	15	1
14-SWP2-05	14.25	1-10	1	15	5
					5
14-SWP2-10	13.75	1-20	1	15	10
14-SWP2-25	**12.89**	1-30	1	15	25
					25
14-SWP2-50	**12.69**	1-50	1	15	50

GIANT **4 1/2" x 10"**

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN
14-GSWP1-01	24.43	1-8	1	8
14-GSWP1-05	23.23	1-15	1	8
14-GSWP1-10	22.18	1-20	1	8
14-GSWP1-25	**21.45**	1-25	1	8
14-GSWP1-50	21.42	1-35	1	8

4 1/2" x 20"

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN	MICRON RATINGS
14-GSWP2-01	**47.32**	1-16	1	4	1
14-GSWP2-05	45.86	1-30	1	4	5
14-GSWP2-10	43.75	1-40	1	4	10
14-GSWP2-25	43.15	1-50	1	4	25
14-GSWP2-50	**41.42**	1-65	1	4	50

300°F HIGH TEMP. STRING WOUND COTTON CARTRIDGES

APPLICATION

- For filtration of liquids with temperatures up to 300°F (149°C) suitable for a wide range of filtering applications including potable water. Suitable for removing very fine sediment right through to very coarse sediment. • FDA approved

CONSTRUCTION

- Cartridges are wound with bleached cotton fibres on a #304 stainless steel core.

#304 SS core

2 1/2" X 9 7/8"

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN
14-SWBC1-05	**12.20**	1-5	1	30
14-SWBC1-10	12.09	1-10	1	30
14-SWBC1-50	11.74		1	30

2 1/2" X 20"

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN	MICRON RATINGS
14-SWBC2-05	24.48	1-10	1	15	5
14-SWBC2-10	**23.32**	1-20	1	15	10
			1		

GIANT **4 1/2" x 10"**

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN
14-GSWBC1-05	32.56	1-12	1	8
14-GSWBC1-10	31.31	1-13	1	8

4 1/2" x 20"

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN	MICRON RATINGS
14-GSWBC2-05	64.72	1-22	1	4	5
14-GSWBC2-10	62.21	1-24	1	4	10

300°F HIGH TEMP. STRING WOUND NATURAL COTTON CARTRIDGES

APPLICATION

- For filtration of liquids with temperatures up to 300°F (149°C) (when used in conjunction with stainless steel filter housings) suitable for a wide range of filtering applications. Suitable for removing very fine sediment right through to very coarse sediment. • Not FDA approved

CONSTRUCTION

- Cartridges are wound with natural cotton fibres on a tin core.

Tin core

2 1/2" X 9 7/8"

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN
14-SWNC1-05	7.12	1 - 5	1	30
14-SWNC1-10	**6.79**	1 - 10	1	30

2 1/2" X 20"

PART NO.	LIST PRICE-A	FLOW GPM	QUANTITY BAG	QUANTITY CTN	MICRON RATINGS
14-SWNC2-05	**13.58**	1 - 10	1	15	5
14-SWNC2-10	13.45	1 - 20	1	15	10

NOTE: 30" and 40" cartridges available upon request. Other micron sizes available. Please contact your Sales Rep.

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Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

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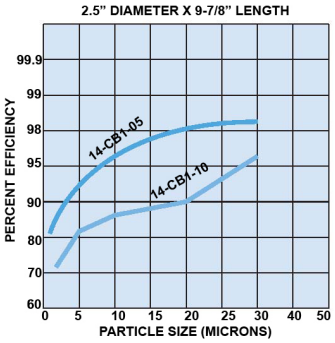
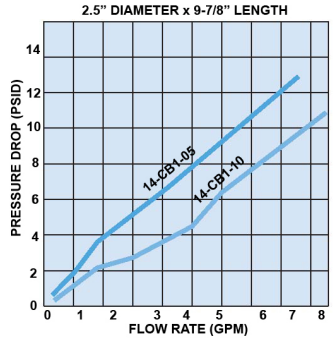
CARBON BLOCK (BRIQUETTE) CARTRIDGES

APPLICATION

- Are ideal for point-of-use (POU) and Reverse Osmosis applications. These cartridges can be used in a wide range of applications such as residential, food service, commercial, and industrial. The CB Series carbon blocks are great for displacing traditional GAC (Granular Activated Carbon) and PAC (Powdered Activated Carbon) filters in application where high chlorine reduction is needed. Because of our overall lower cost, our CB Series are able to compete with virtually all carbon blocks.

14-CB478-05





FEATURES

- Manufactured with high purity activated carbon. Provide an exceptional cost-to-performance value. High chlorine reduction, great dirt-holding capacity, and greatly reduced carbon fines, making the CB series the carbon block of choice.

CONSTRUCTION

• Carbon	Activiated Carbon
• Netting	Polypropylene
• End Caps	Polypropylene
• Gaskets	Neoprene
• Outer Wrap	Polypropylene
• Temp Rating	40°F to 110°F
• Inner Wrap	Polypropylene

NSF Certified
NSF/ANSI Standard 42

PART NO.	CARTRIDGE SIZE	MICRON RATINGS	PRESSURE DROP (psi) @ FLOW RATE (GPM)	CHLORINE CAPACITY	QUANTITY BAG	QUANTITY CTN	LIST PRICE-A
14-CB478-05	2 1/2" x 4 7/8"	5	2.0 psid @ 1.0 gpm	2,112 @ 1.0 gpm	1	50	9.98
14-CB1-05	2 1/2" x 9 7/8"	5	2.0 psid @ 1.0 gpm	3,696 @ 1.0 gpm	1	20	10.26
14-CB1-10	2 1/2" x 9 7/8"	10	2.0 psid @ 1.0 gpm	3,696 @ 1.0 gpm	1	20	11.12
14-CB2-05	2 1/2" x 20"	5	1.0 psid @ 1.0 gpm	5,808 @ 1.0 gpm	1	12	22.52
14-CB2-10	2 1/2" x 20"	10	1.0 psid @ 1.0 gpm	5,808 @ 1.0 gpm	1	12	22.52
GIANT SIZE							
14-GCB1-10	4 1/2" x 9 7/8"	10	4.0 psid @ 3.0 gpm	10,560 @ 3.0 gpm	1	12	34.49
14-GCB2-10	4 1/2" x 20"	10	4.0 psid @ 5.0 gpm	21,648 @ 5.0 gpm	1	6	69.27

CARBON BRIQUETTE 'CYST REMOVAL' CARTRIDGES

APPLICATION

- Designed for highly effective filtration of water for certain Volatile Organic Chemicals (VOC's) such as toluene and xylene. Also effective for pesticides, chlorine, taste and odour and sediment reduction down to 0.5 micron, making it an excellent polishing filter or pre-filter in applications that require fine filtration. These cartridges are also excellent at filtering Giardia and Cryptosporidium cysts from potable drinking water making them ideal for potable water filtration and many industrial, commercial and food service applications.

FEATURES

- Capable of reducing 99.9% of Cryptosporidium and Giardia cysts
- Designed as a polishing filter, it is recommended that these cartridges are installed in conjunction with a pre-filter to remove sediment. Removal of sediment prior to contact with a finishing cartridge prevents the finishing cartridge from plugging prematurely due to sediment entrapment long before the maximum utilization of the carbon has been achieved

CONSTRUCTION / RATING

NSF Certified
NSF/ANSI Standard 42

- Bonded powder activated carbon filter media
- Polypropylene end caps, inner / outer wraps and netting c/w Buna-N gaskets
- Temperature Range 40°F to 180°F (4.4°C to 82.2°C) (for VOC and pesticide reduction 85°F max.)

PART NO.	CARTRIDGE SIZE	FLOW GPM	MICRON RATINGS	PRESSURE DROP (psi) @ FLOW RATE (GPM)	CHLORINE REDUCTION @ FLOW RATE (GPM)	QUANTITY BAG	QUANTITY CTN	LIST PRICE-A
14-CCR1-0.5	2-3/4" x 9-3/4"	1	0.5	1.3 psi @ 1.0 GPM	20,000 Gal. @ 1.0 GPM *	12		49.39
14-CCR2-0.5	2-3/4" x 20"	1 - 2.3	0.5	3.0 psi @ 2.0 GPM	45,000 Gal. @ 2.3 GPM *	12		95.66
GIANT SIZE								
14-GCCR1-0.5	4-1/2" x 10"	1 - 2	0.5	7.0 psi @ 4.0 GPM	50,000 Gal. @ 2.0 GPM *	4		177.79
14-GCCR2-0.5	4-1/2" x 20"	1 - 7	0.5	8.5 psi @ 4.0 GPM	150,000 Gal. @ 7.0 GPM *	4		334.99

* Estimated capacity using 2ppm FAC (Free Available Chlorine) at continuous flow with greater than 90% reduction.

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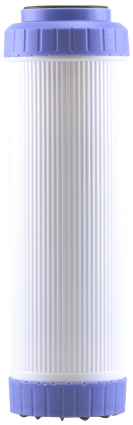
POWDER ACTIVATED CARBON WRAP CARTRIDGES

APPLICATION

- Dual-purpose cartridge to reduce bad taste & odor, chlorine taste & odor, and fine particles or sediment
- Good dirt holding capacity and high flow rates make this an economical cartridge for a wide range of applications
- Constructed of carbon impregnated cellulose media, with a polypropylene netting to provide additional strength

PART NO.	PENTEK MODEL NO.	CARTRIDGE SIZE.	MICRON RATING	QTY CARTON	LIST PRICE-A
STANDARD					
14-CW478-05	C2	2-1/2" x 4-7/8"	5	24	21.12
14-CW1-05	C1	2-7/8" x 9-3/4"	5	24	23.33
14-CW2-05	C1-20	2-1/2" x 20"	5	14	50.43
GIANT					
14-GCW1-05	NCP-BB	4-1/2" x 9-3/4"	10	8	76.55
14-GCW2-05	C1-20BB	4-1/2" x 20"	5	6	137.73

GRANULAR ACTIVATED CARBON CARTRIDGES



APPLICATION

- Designed to remove unpleasant tastes and odours to produce better tasting water.
- Low pressure drop, durable physical strength and steady flow achieve reliable performance and long
- Suitable for Reverse Osmosis system or water dispensing system in residential, commercial and industrial applications

SPECIFICATION

- Clean washed coconut shell Granular Activated Carbon media
- Max Temperature Rating: 110°F (43°C)
- Max Pressure Rating: 125 PSI
- Filter media: Coconut Shell Activated Carbon

PART NO.	CARTRIDGE SIZE	MICRON RATINGS	QTY CTN	LIST PRICE-A
14-GAC1-05	2-1/2" x 9-7/8"	5	25	15.96
14-GAC2-05	2-1/2" x 20"	5	12	35.35
GIANT				
14-GGAC1-05	4-1/2" x 9-7/8"	5	12	45.89
14-GGAC2-05	4-1/2" x 20"	5	6	100.62

ICEMAKER / IN-LINE TASTE & ODOUR FILTERS

The in-line filters utilize coconut shell GAC and are designed to remove unpleasant tastes and odours as well as sediment to produce cleaner, clearer, better tasting water. Low pressure drop, high dirt holding capacity, durable physical strength, and steady flow achieve reliable performance and long life usage. By packing the carbon the concerns of shifting carbon inside the filter are removed. Cartridges are manufactured in compliance with NSF and FDA requirement in material, media and processing. These Granular Activated Carbon filters are easily installed on the water line to an automatic icemaker, Reverse Osmosis System or water dispensing system.

APPLICATIONS

- Icemaker
- Reverse Osmosis Systems
- Coffee Makers
- Refrigerator

CONSTRUCTION / RATING

Filter Media	Coconut Shell Activated Carbon	
Maximum Pressure	125PSI	880 kPa
Temperature Range	40°F to 110°F	(4.4°C to 43°C)

PART NO.	CARTRIDGE SIZE	CONNECTION	SERVICE LIFE MONTHS	GAL	LITRE	FLOW GPM	QUANTITY CTN	CASE	LIST PRICE-A
14-IM2X6-02QC	2" x 6"	1/4" Quick Connect	5	1000	3785	0.4	25		12.83
14-IM2X10-02QC	2" x 10"	1/4" Quick Connect	6	2000	7570	0.4	25		15.11
14-IM2.5X12-02	2-1/2" x 12"	1/4" Female NPT	10	3500	13249	0.8	25		16.25

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BII STANDARD SPIN-OUT FILTERS

APPLICATIONS

Designed for installation on suction or discharge side of pump on systems with flow rates of 25 GPM (1" filter housings), 10 - 50 GPM (1-1/2" filter housings) and 18 - 100 GPM systems (2" filter housing) these filters provide an effective means for removing large volumes of sediment. They are ideal for whole house filtration, agricultural and commercial / industrial applications. Overall filtration costs are greatly reduced when used as a pre-filter in duplex filtration systems by preventing post-filtration cartridges from plugging prematurely before their absorption ability is exhausted, maximizing the capacity / utilization of the carbon. This dramatically increases the life span of taste and odor, granular carbon and other fine micron cartridges.

SEDIMENT FILTER APPLICATIONS

NOTE: The information shown here is general in nature because of the many variations in shape, size and specific gravity of the materials being filtered.

	Material in Water	To Protect	Use Mesh Number
1	Shale, shell	General Use	24
2	Debris	General Use	24, 30, 40
3	Pipe scale, coarse sand	Sprinkler systems, Faucet aerators, sand sensitive valves	40 to 60
4	Fine sand, grit from new wells	Drip irrigation systems, Faucet aerators, sand sensitive valves	100 to 140
		Poultry Growers Watering devices (.010")	100 (.006" opening)
		Fogger Nozzles	140 (.004" opening)
5	Very fine sand and grit	Pre-treatment	250 to 500
		Pre-treatment Ultra water systems R.O. etc.	1000
6	Algae	Grows in presence of light under clear filter cover	Use Sun Shield

In general, use the coarsest screen deemed necessary to filter the material you want removed. This will result in longer runs between blow-downs.

FEATURES / CONSTRUCTION / RATINGS

- Spin out action creates centrifugal force which ensures that particulate is forced outward to the filter bowl protecting the filter element from abrasion. For this reason, it is important that the proper size filter housing is used: Up to 1- 25 GPM use 1" housing, 10 - 50 GPM use 1-1/2" housing, 18 - 100 GPM use 2" housing. Oversizing the filter can lead to excessive wear or premature clogging of the filter element due to the lack of spin-out action
- Molded heavy duty PVC filter body
- Clear polycarbonate filter bowl allows for visual inspection of flow and filter performance
- Each filter is shipped complete with a purge valve for the 1/2" MPT drain cleanout port providing an easy means to flush (clean) filtrates which are deposited on the outside of the filter screen without having to shut off the water supply
- All materials are non-corrosive and are ultraviolet stabilized / weather resistant
- Element can be cleaned with soft brush after the element has been soaked in 50/50 bleach and water solution to remove stains caused by iron, etc. Rinse the element thoroughly

WARNING: HAND TIGHTEN ONLY - USE OF TOOLS VOIDS WARRANTY

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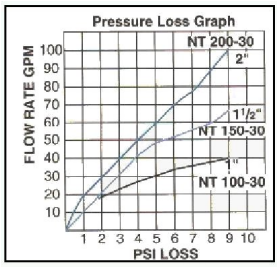
Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

"T" STANDARD FILTER HOUSINGS AND COMPLETE UNITS

T STYLE SCREEN FILTERS

- Available in 3/4" FPT, 1" , 1-1/2" & 2" Slip - Inlet/Outlet connections
- 180 degree in-line "T" style installation
- Increased effective screen area
- 150 PSI Maximum Working Pressure
- Maximum Operating Temperature 100°F (38°C)
- Purge Valve and PTFE(polytetrafluoroethylene) Tape included with housing
- Water Use Only
- Housings - 10 per carton



WARNING: HAND TIGHTEN ONLY - USE OF TOOLS VOIDS WARRANTY

PART NO.	LIST PRICE-A	PART NO.	LIST PRICE-A	INLET/ OUTLET	MESH	MICRON	OPENING	FLOW GPM	LENGTH IN	WIDTH IN
FPT X FPT										
43-H07T Housing Only	73.81			3/4" x 3/4"						
FILTER UNITS COMPLETE WITH FILTER ELEMENT										
POLYESTER MESH		**316 STAINLESS STEEL MESH**								
43-H07T-EPM024	97.62			3/4" x 3/4"	24	711	0.028	1-25	8-1/2	5
43-H07T-EPM030	97.62	43-H07T-ESM030	108.62	3/4" x 3/4"	30	533	0.021	1-25	8-1/2	5
43-H07T-EPM040	97.62			3/4" x 3/4"	40	381	0.015	1-25	8-1/2	5
43-H07T-EPM060	98.06	43-H07T-ESM060	110.40	3/4" x 3/4"	60	254	0.010	1-25	8-1/2	5
43-H07T-EPM100	94.68	43-H07T-ESM100	111.29	3/4" x 3/4"	100	152	0.006	1-25	8-1/2	5
43-H07T-EPM140	94.68	43-H07T-ESM140	112.93	3/4" x 3/4"	140	104	0.004	1-25	8-1/2	5
		43-H07T-ESM200	114.26	3/4" x 3/4"	200	74	0.0029	1-25	8-1/2	5
43-H07T-EPM250	101.04			3/4" x 3/4"	250	61	0.0024	1-25	8-1/2	5
43-H07T-EPM500	101.04			3/4" x 3/4"	500	30	0.0012	1-25	8-1/2	5
43-H07T-EPM1000	101.04			3/4" x 3/4"	1000	15	0.006	1-25	8-1/2	5
SLIP X SLIP										
43-H10T Housing Only	75.84			1" x 1"						
FILTER UNITS COMPLETE WITH FILTER ELEMENT										
POLYESTER MESH		**316 STAINLESS STEEL MESH**								
43-H10T-EPM024	97.62			1" x 1"	24	711	0.028	1-25	8-1/2	5
43-H10T-EPM030	97.62	43-H10T-ESM030	108.62	1" x 1"	30	533	0.021	1-25	8-1/2	5
43-H10T-EPM040	94.35			1" x 1"	40	381	0.015	1-25	8-1/2	5
43-H10T-EPM060	96.96	43-H10T-ESM060	110.40	1" x 1"	60	254	0.010	1-25	8-1/2	5
43-H10T-EPM100	96.96	43-H10T-ESM100	111.29	1" x 1"	100	152	0.006	1-25	8-1/2	5
43-H10T-EPM140	96.96	43-H10T-ESM140	112.93	1" x 1"	140	104	0.004	1-25	8-1/2	5
		43-H10T-ESM200	119.48	1" x 1"	200	74	0.0029	1-25	8-1/2	5
43-H10T-EPM250	101.04			1" x 1"	250	61	0.0024	1-25	8-1/2	5
43-H10T-EPM500	100.37			1" x 1"	500	30	0.0012	1-25	8-1/2	5
43-H10T-EPM1000	101.04			1" x 1"	1000	15	0.006	1-25	8-1/2	5

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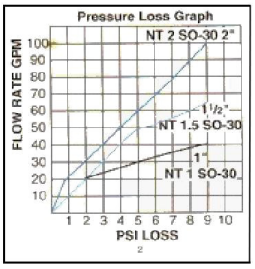
"T' STANDARD FILTER HOUSINGS AND COMPLETE UNITS (cont'd)

PART NO.	LIST PRICE-A	PART NO.	LIST PRICE-A	INLET/ OUTLET	MESH	MICRON	OPENING	FLOW GPM	LENGTH IN	WIDTH IN
SLIP X SLIP										
43-H15T Housing Only	93.37			1-1/2" x 1-1/2"						
FILTER UNITS COMPLETE WITH FILTER ELEMENT										
POLYESTER MESH		**316 STAINLESS STEEL MESH**								
43-H15T-EPM024	126.67			1-1/2" x 1-1/2"	24	711	0.028	10-50	13-3/4	5-1/4
43-H15T-EPM030	129.16	43-H15T-ESM030	144.55	1-1/2" x 1-1/2"	30	533	0.021	10-50	13-3/4	5-1/4
43-H15T-EPM040	129.16			1-1/2" x 1-1/2"	40	381	0.015	10-50	13-3/4	5-1/4
43-H15T-EPM060	131.35	43-H15T-ESM060	146.33	1-1/2" x 1-1/2"	60	254	0.010	10-50	13-3/4	5-1/4
43-H15T-EPM100	131.35	43-H15T-ESM100	148.11	1-1/2" x 1-1/2"	100	152	0.006	10-50	13-3/4	5-1/4
43-H15T-EPM140	131.35	43-H15T-ESM140	150.94	1-1/2" x 1-1/2"	140	104	0.004	10-50	13-3/4	5-1/4
		43-H15T-ESM200	151.98	1-1/2" x 1-1/2"	200	74	0.0029	10-50	13-3/4	5-1/4
43-H15T-EPM250	137.19			1-1/2" x 1-1/2"	250	61	0.0024	10-50	13-3/4	5-1/4
43-H15T-EPM500	137.19			1-1/2" x 1-1/2"	500	30	0.0012	10-50	13-3/4	5-1/4
43-H15T-EPM1000	137.19			1-1/2" x 1-1/2"	1000	15	0.006	10-50	13-3/4	5-1/4
43-H20T Housing Only	146.73			2" x 2"						
FILTER UNITS COMPLETE WITH FILTER ELEMENT										
POLYESTER MESH		**316 STAINLESS STEEL MESH**								
43-H20T-EPM024	206.14			2" x 2"	24	711	0.028	18-100	17-7/8	5-1/2
43-H20T-EPM030	206.14	43-H20T-ESM030	216.10	2" x 2"	30	533	0.021	18-100	17-7/8	5-1/2
43-H20T-EPM040	206.14			2" x 2"	40	381	0.015	18-100	17-7/8	5-1/2
43-H20T-EPM060	210.16	43-H20T-ESM060	229.32	2" x 2"	60	254	0.010	18-100	17-7/8	5-1/2
43-H20T-EPM100	210.16	43-H20T-ESM100	233.41	2" x 2"	100	152	0.006	18-100	17-7/8	5-1/2
43-H20T-EPM140	210.16	43-H20T-ESM140	239.80	2" x 2"	140	104	0.004	18-100	17-7/8	5-1/2
		43-H20T-ESM200	242.03	2" x 2"	200			18-100	17-7/8	5-1/2
43-H20T-EPM250	217.81			2" x 2"	250	61	0.0024	18-100	17-7/8	5-1/2
43-H20T-EPM500	217.81			2" x 2"	500	30	0.0012	18-100	17-7/8	5-1/2
43-H20T-EPM1000	217.81			2" x 2"	1000	15	0.006	18-100	17-7/8	5-1/2

IN-LINE "T" SAND SEPARATORS

T STYLE SAND SEPARATORS FIITERS



- Has all the same features as T Style Screen Filters
- "Spin-out" action separates heavier than water particles away from screen into the collection chamber. The 3/4" & 1" models utilize a special extended bowl to create the collection chamber, the 1-1/2" & 2" models use the same filter bowl as the standard filters with a specially designed separator filter element which leaves the bottom half of the filter bowl open to provide a larger capacity collection chamber.
- The separation of the filtrate from the filter element compartment greatly reduces the abrasion on the filter element increasing its life span.
- Screen portion of element removes lighter than water particles T Style Screen Filters
- Purge Valve and PTFE Tape included with housing
- 150 PSI Maximum Working Pressure
- Maximum Operating Temperature 100°F (38°C)
- Water Use Only
- Housings - 10 per carton

WARNING: HAND TIGHTEN ONLY - USE OF TOOLS VOIDS WARRANTY

PART NO.	LIST PRICE-A	PART NO.	LIST PRICE-A	INLET/ OUTLET	MESH	MICRON	OPENING	FLOW GPM	LENGTH IN	WIDTH IN
FPT X FPT										
43-H07S Housing Only	98.46			3/4" x 3/4"						
FILTER UNITS COMPLETE WITH FILTER ELEMENT										
POLYESTER MESH		**316 STAINLESS STEEL MESH**								
43-H07S-SPM024	125.68			3/4" x 3/4"	24	711	0.028	1-25	11-1/2	5
43-H07S-SPM030	125.68	43-H07S-SSM030	135.05	3/4" x 3/4"	30	533	0.021	1-25	11-1/2	5
43-H07S-SPM040	125.68			3/4" x 3/4"	40	381	0.015	1-25	11-1/2	5
43-H07S-SPM060	126.72	43-H07S-SSM060	136.76	3/4" x 3/4"	60	254	0.010	1-25	11-1/2	5
43-H07S-SPM100	126.72	43-H07S-SSM100	138.24	3/4" x 3/4"	100	152	0.006	1-25	11-1/2	5
43-H07S-SPM140	126.72	43-H07S-SSM140	139.95	3/4" x 3/4"	140	104	0.004	1-25	11-1/2	5
		43-H07S-SSM200	141.66	3/4" x 3/4"	200	74	0.0029	1-25	11-1/2	5
43-H07S-SPM250	128.58			3/4" x 3/4"	250	61	0.0024	1-25	11-1/2	5
43-H07S-SPM500	128.58			3/4" x 3/4"	500	30	0.0012	1-25	11-1/2	5
43-H07S-SPM1000	128.58			3/4" x 3/4"	1000	15	0.006	1-25	11-1/2	5

IN-LINE "T' SAND SEPARATORS (cont'd)

PART NO.	LIST PRICE-A	PART NO.	LIST PRICE-A	INLET/ OUTLET	MESH	MICRON	OPENING	FLOW GPM	LENGTH IN	WIDTH IN
SLIP X SLIP										
43-H10S Housing Only	98.46			1" x 1"						
FILTER UNITS COMPLETE WITH FILTER ELEMENT										
POLYESTER MESH		**316 STAINLESS STEEL MESH**								
43-H10S-SPM024	125.68			1" x 1"	24	711	0.028	1-25	11-1/2	5
43-H10S-SPM030	125.68	43-H10S-SSM030	135.05	1" x 1"	30	533	0.021	1-25	11-1/2	5
43-H10S-SPM040	125.68			1" x 1"	40	381	0.015	1-25	11-1/2	5
43-H10S-SPM060	126.72	43-H10S-SSM060	136.76	1" x 1"	60	254	0.010	1-25	11-1/2	5
43-H10S-SPM100	123.37	43-H10S-SSM100	138.24	1" x 1"	100	152	0.006	1-25	11-1/2	5
43-H10S-SPM140	123.37	43-H10S-SSM140	139.95	1" x 1"	140	104	0.004	1-25	11-1/2	5
		43-H10S-SSM200	141.66	1" x 1"	200	74	0.0029	1-25	11-1/2	5
43-H10S-SPM250	128.58			1" x 1"	250	61	0.0024	1-25	11-1/2	5
43-H10S-SPM500	128.58			1" x 1"	500	30	0.0012	1-25	11-1/2	5
43-H10S-SPM1000	128.58			1" x 1"	1000	15	0.006	1-25	11-1/2	5
SLIP X SLIP										
43-H15T Housing Only	93.37			1-1/2" x 1-1/2"						
FILTER UNITS COMPLETE WITH FILTER ELEMENT										
POLYESTER MESH		**316 STAINLESS STEEL MESH**								
43-H15T-SPM024	156.51			1-1/2" x 1-1/2"	24	711	0.028	10-50	13-3/4	5-1/4
43-H15T-SPM030	156.51	43-H15T-SSM030	170.48	1-1/2" x 1-1/2"	30	533	0.021	10-50	13-3/4	5-1/4
43-H15T-SPM040	156.51			1-1/2" x 1-1/2"	40	381	0.015	10-50	13-3/4	5-1/4
43-H15T-SPM060	157.77	43-H15T-SSM060	173.38	1-1/2" x 1-1/2"	60	254	0.010	10-50	13-3/4	5-1/4
43-H15T-SPM100	157.77	43-H15T-SSM100	175.68	1-1/2" x 1-1/2"	100	152	0.006	10-50	13-3/4	5-1/4
43-H15T-SPM140	157.77	43-H15T-SSM140	178.14	1-1/2" x 1-1/2"	140	104	0.004	10-50	13-3/4	5-1/4
		43-H15T-SSM200	179.70	1-1/2" x 1-1/2"	200	74	0.0029	10-50	13-3/4	5-1/4
43-H15T-SPM250	160.60			1-1/2" x 1-1/2"	250	61	0.0024	10-50	13-3/4	5-1/4
43-H15T-SPM500	160.60			1-1/2" x 1-1/2"	500	30	0.0012	10-50	13-3/4	5-1/4
43-H15T-SPM1000	160.60			1-1/2" x 1-1/2"	1000	15	0.006	10-50	13-3/4	5-1/4
SLIP X SLIP										
43-H20T Housing Only	146.73			2" x 2"						
FILTER UNITS COMPLETE WITH FILTER ELEMENT										
POLYESTER MESH		**316 STAINLESS STEEL MESH**								
43-H20T-SPM024	233.86			2" x 2"	24	711	0.028	18-100	17-7/8	5-1/2
43-H20T-SPM030	233.86	43-H20T-SSM030	247.61	2" x 2"	30	533	0.021	18-100	17-7/8	5-1/2
43-H20T-SPM040	233.86			2" x 2"	40	381	0.015	18-100	17-7/8	5-1/2
43-H20T-SPM060	236.16	43-H20T-SSM060	250.65	2" x 2"	60	254	0.010	18-100	17-7/8	5-1/2
43-H20T-SPM100	236.16	43-H20T-SSM100	254.59	2" x 2"	100	152	0.006	18-100	17-7/8	5-1/2
43-H20T-SPM140	236.16	43-H20T-SSM140	257.64	2" x 2"	140	104	0.004	18-100	17-7/8	5-1/2
		43-H20T-SSM200	259.87	2" x 2"	200	74	0.0029	18-100	17-7/8	5-1/2
43-H20T-SPM250	239.80			2" x 2"	250	61	0.0024	18-100	17-7/8	5-1/2
43-H20T-SPM500	239.80			2" x 2"	500	30	0.0012	18-100	17-7/8	5-1/2
43-H20T-SPM1000	239.80			2" x 2"	1000	15	0.006	18-100	17-7/8	5-1/2

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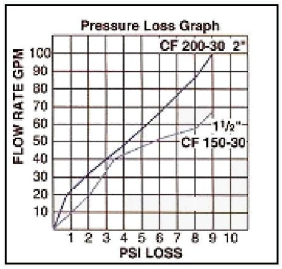
COMBO FILTER HOUSINGS

COMBO STYLE SCREEN FILTERS

- Available in 1-1/2" & 2" Slip - Inlet / Outlet connections
- Versatile 90 degree "L" or 180 degree in-line "T" installation. Each filter includes one slip bushing with a 1-1/4" threaded plug to close off the outlet which is not required while leaving and optional 1-1/4" outlet that can be utilized as a second outlet at a later time.
- Purge Valve and PTFE Tape included
- 150 PSI Maximum Working Pressure
- Maximum Operating Temperature 100°F (38°C)
- Water Use Only
- Housings - 10 per carton



WARNING: HAND TIGHTEN ONLY - USE OF TOOLS VOIDS WARRANTY

PART NO.	LIST PRICE-A	PART NO.	LIST PRICE-A	INLET/ OUTLET	MESH	MICRON	OPENING	FLOW GPM	LENGTH IN	WIDTH IN
43-H15C Housing Only	104.59			1-1/2" x 1-1/2"						
STANDARD FILTER COMPLETE WITH FILTER ELEMENT										
POLYESTER MESH		**316 STAINLESS STEEL MESH**								
43-H15C-EPM024	140.08			1-1/2" x 1-1/2"	24	711	0.028	10-50	13-3/4	5-1/4
43-H15C-EPM030	140.08	43-H15C-ESM030	155.46	1-1/2" x 1-1/2"	30	533	0.021	10-20	13-3/4	5-1/4
43-H15C-EPM040	140.08			1-1/2" x 1-1/2"	40	381	0.015	10-20	13-3/4	5-1/4
43-H15C-EPM060	143.42	43-H15C-ESM060	157.25	1-1/2" x 1-1/2"	60	254	0.010	10-20	13-3/4	5-1/4
43-H15C-EPM100	143.42	43-H15C-ESM100	159.03	1-1/2" x 1-1/2"	100	152	0.006	10-20	13-3/4	5-1/4
43-H15C-EPM140	143.42	43-H15C-ESM140	161.86	1-1/2" x 1-1/2"	140	104	0.004	10-20	13-3/4	5-1/4
		43-H15C-ESM200	162.90	1-1/2" x 1-1/2"	200	74	0.0029	10-20	13-3/4	5-1/4
43-H15C-EPM250	148.11			1-1/2" x 1-1/2"	250	61	0.0024	10-20	13-3/4	5-1/4
43-H15C-EPM500	148.11			1-1/2" x 1-1/2"	500	30	0.0012	10-20	13-3/4	5-1/4
43-H15C-EPM1000	148.11			1-1/2" x 1-1/2"	1000	15	0.006	10-20	13-3/4	5-1/4
43-H20C Housing Only	168.12			2" x 2"						
STANDARD FILTER COMPLETE WITH FILTER ELEMENT										
POLYESTER MESH		**316 STAINLESS STEEL MESH**								
43-H20C-EPM024	226.95			2" x 2"	24	711	0.028	18-100	16	5-3/4
43-H20C-EPM030	226.95	43-H20C-ESM030	236.90	2" x 2"	30	533	0.021	18-100	16	5-3/4
43-H20C-EPM040	226.95			2" x 2"	40	381	0.015	18-100	16	5-3/4
43-H20C-EPM060	231.63	43-H20C-ESM060	250.13	2" x 2"	60	254	0.010	18-100	16	5-3/4
43-H20C-EPM100	231.63	43-H20C-ESM100	254.22	2" x 2"	100	152	0.006	18-100	16	5-3/4
43-H20C-EPM140	231.63	43-H20C-ESM140	260.61	2" x 2"	140	104	0.004	18-100	16	5-3/4
		43-H20C-ESM200	262.84	2" x 2"	200	74	0.0029	18-100	16	5-3/4
43-H20C-EPM250	238.61			2" x 2"	250	61	0.0024	18-100	16	5-3/4
43-H20C-EPM500	238.61			2" x 2"	500	30	0.0012	18-100	16	5-3/4
43-H20C-EPM1000	238.61			2" x 2"	1000	15	0.006	18-100	16	5-3/4

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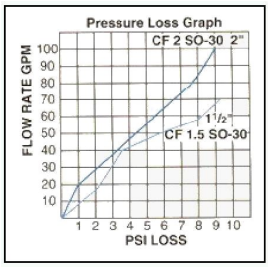
COMBO SAND SEPARATORS

COMBO STYLE SAND SEPARATOR FILTERS

- Has all the same features as Combo Style Screen Filters.
- "Spin-out" action separates heavier than water particles away from screen into the collection chamber. Both the 1-1/2" and 2" use the same filter bowl as the standard filters with a specially designed separator filter element which leaves the bottom half of the filter bowl open to provide a larger capacity collection chamber.
- The separation of the filtrate from the filter element compartment greatly reduces the abrasion on the filter element increasing its life span.
- Screen portion of element removes lighter than water particles T Style Screen Filters
- Purge Valve and PTFE Tape included
- 150 PSI Maximum Working Pressure
- Maximum Operating Temperature 100°F (38°C)
- Water Use Only



WARNING: HAND TIGHTEN ONLY - USE OF TOOLS VOIDS WARRANTY

PART NO.	LIST PRICE-A	PART NO.	LIST PRICE-A	INLET/ OUTLET	MESH	MICRON	OPENING	FLOW GPM	LENGTH IN	WIDTH IN
43-H15C Housing Only	104.59			1-1/2" x 1-1/2"						
SAND SEPARATOR FILTER COMPLETE WITH STRAINER ELEMENT										
POLYESTER MESH		**316 STAINLESS STEEL MESH**								
43-H15C-SPM024	167.43			1-1/2" x 1-1/2"	24	711	0.028	10-50	13-3/4	5-1/4
43-H15C-SPM030	167.43	43-H15C-SSM030	181.40	1-1/2" x 1-1/2"	30	533	0.021	10-50	13-3/4	5-1/4
43-H15C-SPM040	167.43			1-1/2" x 1-1/2"	40	381	0.015	10-50	13-3/4	5-1/4
43-H15C-SPM060	168.69	43-H15C-SSM060	184.30	1-1/2" x 1-1/2"	60	254	0.010	10-50	13-3/4	5-1/4
43-H15C-SPM100	168.69	43-H15C-SSM100	186.60	1-1/2" x 1-1/2"	100	152	0.006	10-50	13-3/4	5-1/4
43-H15C-SPM140	168.69	43-H15C-SSM140	189.05	1-1/2" x 1-1/2"	140	104	0.004	10-50	13-3/4	5-1/4
		43-H15C-SSM200	190.61	1-1/2" x 1-1/2"	200	74	0.0029	10-50	13-3/4	5-1/4
43-H15C-SPM250	171.52			1-1/2" x 1-1/2"	250	61	0.0024	10-50	13-3/4	5-1/4
43-H15C-SPM500	171.52			1-1/2" x 1-1/2"	500	30	0.0012	10-50	13-3/4	5-1/4
43-H15C-SPM1000	171.52			1-1/2" x 1-1/2"	1000	15	0.006	10-50	13-3/4	5-1/4
43-H20C Housing Only	168.12			2" x 2"						
SAND SEPARATOR FILTER COMPLETE WITH STRAINER ELEMENT										
POLYESTER MESH		**316 STAINLESS STEEL MESH**								
43-H20C-SPM024	254.67			2" x 2"	24	711	0.028	18-100	17-7/8	5-1/2
43-H20C-SPM030	254.67	43-H20C-SSM030	268.41	2" x 2"	30	533	0.021	18-100	17-7/8	5-1/2
43-H20C-SPM040	254.67			2" x 2"	40	381	0.015	18-100	17-7/8	5-1/2
43-H20C-SPM060	256.97	43-H20C-SSM060	271.46	2" x 2"	60	254	0.010	18-100	17-7/8	5-1/2
43-H20C-SPM100	256.97	43-H20C-SSM100	275.40	2" x 2"	100	152	0.006	18-100	17-7/8	5-1/2
43-H20C-SPM140	256.97	43-H20C-SSM140	278.45	2" x 2"	140	104	0.004	18-100	17-7/8	5-1/2
		43-H20C-SSM200	280.68	2" x 2"	200	74	0.0029	18-100	17-7/8	5-1/2
43-H20C-SPM250	260.61			2" x 2"	250	61	0.0024	18-100	17-7/8	5-1/2
43-H20C-SPM500	260.61			2" x 2"	500	30	0.0012	18-100	17-7/8	5-1/2
43-H20C-SPM1000	260.61			2" x 2"	1000	15	0.006	18-100	17-7/8	5-1/2

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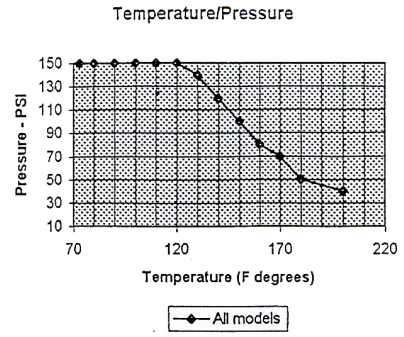
HOT WATER/CHEMICAL RESISTANT SEDIMENT FILTERS

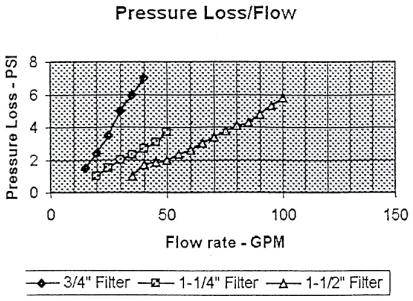
APPLICATIONS

Specially designed to remove large volumes of sediment from hot water and a wide range of chemicals on systems with flow rates up to 25 GPM. These spin-out filters are available in two models "standard" and "separator" (extended bowl) housings. The extended filter bowl provides greater sediment holding capacity than the standard housing. The separation of the filtrate from the filter element compartment greatly reduces the abrasion on the filter element increasing its life span. These filters are ideal for a multitude of applications in agricultural, commercial and industrial fields. Over-all filtration costs are greatly reduced when used as a pre-filter in duplex filtration systems by preventing fine micron post-filtration cartridges from plugging prematurely.

FEATURES / CONSTRUCTION / RATINGS

- Available in Sand Separator filter and Standard filter
- Spin out action creates centrifugal force which ensures that particulate is forced outward to the filter bowl protecting the filter element from abrasion
- Black heavy duty glass filled polypropylene filter head with # 304 stainless steel supporting rings on both FPT inlet / FPT outlet connections
- Clear chemical/heat resistant HP Polymer filter bowl allows for visual inspection of flow and filter performance
- Both standard and sand separator elements are manufactured from a glass filled polypropylene core with a stainless steel mesh
- Each filter is shipped complete with a purge valve for the 1/2" MPT drain cleanout port providing an easy means to flush (clean) filtrates which are deposited on the outside of the filter screen without having to shut off the water supply
- All materials are non-corrosive and are ultraviolet stabilized / weather resistant
- Maximum Working Pressure 150 PSI @ 73°F (23°C) 40 PSI @ 200°F (93°C)
- Maximum Operating Temperature 200°F (93°C)
- Purge Valve and PTFE (polytetrafluoroethylene) Tape included
- Housings - 10 per carton





HIGH TEMP HOUSING / FILTER ELEMENTS

PART NO.	INLET/ OUTLET	MESH	MICRON	OPENING	FLOW GPM	LENGTH IN	WIDTH IN	LIST PRICE-A
43HT-H12T Housing Only								197.46
Standard Elements	**FPT x FPT**	**316 Stainless Steel**						
43HT-E12SM-030	1-1/4" x 1-1/4"	30	533	0.021"	10-50	15-3/8	5-1/4	75.43
43HT-E12SM-060	1-1/4" x 1-1/4"	60	254	0.010"	10-50	15-3/8	5-1/4	75.43
43HT-E12SM-100	1-1/4" x 1-1/4"	100	152	0.006"	10-50	15-3/8	5-1/4	75.43
43HT-E12SM-140	1-1/4" x 1-1/4"	140	104	0.004"	10-50	15-3/8	5-1/4	75.43
43HT-E12SM-200	1-1/4" x 1-1/4"	200	74	0.0029"	10-50	15-3/8	5-1/4	75.43
43HT-H15T Housing Only								303.15
Standard Elements	**FPT x FPT**	**316 Stainless Steel**						
43HT-E15SM-030	1-1/2" x 1-1/2"	30	533	0.021"	18-100	17-7/8	5-1/3	118.39
43HT-E15SM-060	1-1/2" x 1-1/2"	60	254	0.010"	18-100	17-7/8	5-1/3	118.39
43HT-E15SM-100	1-1/2" x 1-1/2"	100	152	0.006"	18-100	17-7/8	5-1/3	118.39
43HT-E15SM-140	1-1/2" x 1-1/2"	140	104	0.004"	18-100	17-7/8	5-1/3	118.39
43HT-E15SM-200	1-1/2" x 1-1/2"	200	74	0.0029"	18-100	17-7/8	5-1/3	118.39
43HT-H07T Housing Only								158.09
Standard Elements	**FPT x FPT**	**316 Stainless Steel**						
43HT-E07SM-030	3/4" x 3/4"	30	533	0.021"	1-30	11-3/8	5	49.72
43HT-E07SM-060	3/4" x 3/4"	60	254	0.010"	1-30	11-3/8	5	49.72
43HT-E07SM-100	3/4" x 3/4"	100	152	0.006"	1-30	11-3/8	5	49.72
43HT-E07SM-140	3/4" x 3/4"	140	104	0.004"	1-30	11-3/8	5	49.72
43HT-E07SM-200	3/4" x 3/4"	200	74	0.0029"	1-30	11-3/8	5	49.72
3/4" Sand Separator								
43HT-H07S Housing Only								195.03
Standard Elements	**FPT x FPT**	**316 Stainless Steel**						
43HT-S07SM-030	3/4" x 3/4"	30	533	0.021"	1-25	14-3/8	5	54.99
43HT-S07SM-060	3/4" x 3/4"	60	254	0.010"	1-25	14-3/8	5	54.99
43HT-S07SM-100	3/4" x 3/4"	100	152	0.006"	1-25	14-3/8	5	54.99
43HT-S07SM-140	3/4" x 3/4"	140	104	0.004"	1-25	14-3/8	5	54.99
43HT-S07SM-200	3/4" x 3/4"	200	74	0.0029"	1-25	14-3/8	5	54.99

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ACCESSORIES/REPLACEMENT PARTS

PART NO.	DESCRIPTION	LIST PRICE-A
FILTER HEADS AND BOWLS		
Note: Replacement bowls do not include purge valve		
FOR MODELS 43-H07T and 43-H07S		
43-HB07TS	Replacement Filter Head/Body (White PVC)	32.71
43-HC10S	Replacement Filter Cover/Bowl (Clear Polycarbonate)	59.73
43-HC10T	Replacement Filter Cover/Bowl (Clear Polycarbonate)	34.67
FOR MODELS 43-H10T and 43-H10S		
43-HB10TS	Replacement Filter Head/Body (White PVC)	33.84
43-HC10S	Replacement Filter Cover/Bowl (Clear Polycarbonate)	59.73
43-HC10T	Replacement Filter Cover/Bowl (Clear Polycarbonate)	34.67
FOR MODEL 43-H15T		
43-HB15T	Replacement Filter Head (White PVC)	36.32
43-HC15TC	Replacement Filter Bowl (Clear Polycarbonate)	49.41
FOR MODEL 43-H15C		
43-HB15C	Replacement Combo Filter Head (White PVC)	47.61
43-HC15TC	Replacement Filter Bowl (Clear Polycarbonate)	49.41
FOR MODEL 43-H20T		
43-HB20T	Replacement Filter Head (White PVC)	60.46
43-HC20TC	Replacement Filter Bowl (Clear Polycarbonate)	78.44
FOR MODEL 43-H20C		
43-HB20C	Replacement Combo Filter Head (White PVC)	81.99
43-HC20TC	Replacement Filter Bowl (Clear Polycarbonate)	78.44
HIGH TEMPERATURE MODELS		
FOR 43HT-H07T		
43HT-HC07T	Replacement Filter Bowl for Standard Filter (Clear Bowl)	75.09
43HT-HB07T	Replacement Filter Head (Black Poly)	66.13
FOR 43HT-H07S		
43HT-HC07S	Replacement Filter Bowl For Sand Separator (Clear Bowl)	115.25
43HT-HB07T	Replacement Filter Head (Black Poly)	66.13
FOR 43HT-H12T		
43HT-HC12T	Replacement Filter Bowl For Standard Filter (Clear Bowl)	96.10
43HT-HB12T	Replacement Filter Head (Black Poly)	87.94
FOR 43HT-H15T		
43HT-HC15T	Replacement Filter Bowl for Standard Filter (Clear Bowl)	173.22
43HT-HB15T	Replacement Filter Head (Black Poly)	126.50
OTHER		
43-OR10K	"O"-Ring Kit for 1"	4.90
43-OR15K	"O'-Ring Kit for 1-1/2" Cold Water Filters & 1-1/4" Hot Water Filters	5.75
43-OR20K	"O"-Ring Kit for 2"	6.34
43-PV-05	1/2" FPT White PVC Replacement Purge Valve	22.41
43HT-PV-05	1/2" FPT Grey CPVC Replacement Purge Valve	42.96
See Section 4 for pricing of the following:		
438-131	1" Slip x 3/4" FPT Bushing	
478-010	1" Slip x 1" FPT Female Adapter	
438-212	Sch. #40 PVC 1-1/2" Slip X 1-1/4" FPT Bushing	
438-211	Sch. #40 PVC 1-1/2" Slip X 1" FPT Bushing	
438-210	Sch. #40 PVC 1-1/2" Slip X 3/4" FPT Bushing	
438-251	Sch. #40 PVC 2" Slip X 1-1/2" FPT Bushing	
438-250	Sch. #40 PVC 2" Slip X 1-1/4" FPT Bushing	
438-249	Sch. #40 PVC 2" Slip X 1" FPT Bushing	
438-248	Sch. #40 PVC 2" Slip X 3/4" FPT Bushing	
450-012	1-1/4" MPT Plug	

O Ring Kit

43-PV-05

43-HB07TS

43-HB10TS

43-HB15C

43-HC10T used with 1" Standard Filters

43-HC10S used with 1" Separator Filters

43-HC15/20C used for both Standard and Separator Filters

438-131 450-012

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NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

POLYESTER MESH FILTER ELEMENTS FOR "T" & COMBO FILTERS

FOR 3/4 & 1 FITS 43-H07T & 43-H10T		FOR 1-1/2" FITS 43-H15T & 43-H15C		FOR 2" FITS 43-H20T & 43-H20C		DESCRIPTION		
PART NO.	LIST PRICE-A EACH	PART NO.	LIST PRICE-A EACH	PART NO.	LIST PRICE-A EACH	MESH	MICR.	OPENING
43-E10PM-024	22.67	43-E15PM-024	37.16	43-E20PM-024	62.20	24	711	.028"
43-E10PM-030	22.67	43-E15PM-030	37.16	43-E20PM-030	62.20	30	533	.021"
43-E10PM-040	22.67	43-E15PM-040	37.16	43-E20PM-040	62.20	40	381	.015"
43-E10PM-060	23.11	43-E15PM-060	40.50	43-E20PM-060	66.89	60	254	.010"
43-E10PM-100	23.11	43-E15PM-100	40.50	43-E20PM-100	66.89	100	152	.006"
43-E10PM-140	23.11	43-E15PM-140	40.50	43-E20PM-140	66.89	140	104	.004"
43-E10PM-250	26.09	43-E15PM-250	45.18	43-E20PM-250	73.87	250	61	.0024"
43-E10PM-500	26.09	43-E15PM-500	45.18	43-E20PM-500	73.87	500	30	.0012"
43-E10PM-1000	26.09	43-E15PM-1000	45.18	43-E20PM-1000	73.87	1000	15	.0006"

316 STAINLESS STEEL MESH FILTER FOR "T" & COMBO FILTERS

43-E10SM-030	33.67	43-E15SM-030	52.54	43-E20SM-030	72.16	30	533	.021"
43-E10SM-060	35.45	43-E15SM-060	54.33	43-E20SM-060	85.39	60	254	.010"
43-E10SM-100	36.34	43-E15SM-100	56.11	43-E20SM-100	89.48	100	152	.006"
43-E10SM-140	37.98	43-E15SM-140	58.93	43-E20SM-140	95.87	140	104	.004"
43-E10SM-200	39.31	43-E15SM-200	59.97	43-E20SM-200	98.10	200	80	.0032"

POLYESTER MESH SAND SEPARATOR ELEMENTS FOR "T" & COMBO FILTERS

FOR 3/4 & 1 FITS 43-H07S & 43-H10S		FOR 1-1/2" FITS 43-H15T & 43-H15C		FOR 2" FITS 43-H20T & 43-H20C				
43-S10PM-024	26.09	43-S15PM-024	64.51	43-S20PM-024	89.92	24	711	.028"
43-S10PM-030	26.09	43-S15PM-030	64.51	43-S20PM-030	89.92	30	533	.021"
43-S10PM-040	26.09	43-S15PM-040	64.51	43-S20PM-040	89.92	40	381	.015"
43-S10PM-060	27.13	43-S15PM-060	65.77	43-S20PM-060	92.23	60	254	.010"
43-S10PM-100	27.13	43-S15PM-100	65.77	43-S20PM-100	92.23	100	152	.006"
43-S10PM-140	27.13	43-S15PM-140	65.77	43-S20PM-140	92.23	140	104	.004"
43-S10PM-250	28.98	43-S15PM-250	68.59	43-S20PM-250	95.87	250	61	.0024"
43-S10PM-500	28.98	43-S15PM-500	68.59	43-S20PM-500	95.87	500	30	.0012"
43-S10PM-1000	28.98	43-S15PM-1000	68.59	43-S20PM-1000	95.87	1000	15	.0006"

316 STAINLESS STEEL MESH SAND SEPARATOR ELEMENTS FOR "T" & COMBO FILTERS

43-S10SM-030	35.45	43-S15SM-030	78.48	43-S20SM-030	103.67	30	533	.021"
43-S10SM-060	37.16	43-S15SM-060	81.38	43-S20SM-060	106.72	60	254	.010"
43-S10SM-100	38.64	43-S15SM-100	83.68	43-S20SM-100	110.66	100	152	.006"
43-S10SM-140	40.35	43-S15SM-140	86.13	43-S20SM-140	113.70	140	104	.004"
43-S10SM-200	42.06	43-S15SM-200	87.69	43-S20SM-200	115.93	200	80	.0032"

STAINLESS STEEL MESH

43-S10SM-100 Sand Separator Element for 3/4" & 1" Extended Bowl

43-S15SM-100 Separator Element

43-E15SM-100 Standard Element

43-E10SM-100 Standard Element

Both Standard and Sand Separator Elements use same 1-1/2" or 2" Filter Housings

POLYESTER MESH

43-E10PM-100 Standard Bowl for 3/4" & 1" Standard Bowl

43-S10PM-100 Sand Separator Element For 3/4" & 1" Extended Bowl ring

43-S15PM-100 Separator Element

43-E15PM-100 Standard Element

Both Standard and Sand Separator Elements use same 1-1/2" or 2" Filter Housings

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SECTION 6
GAUGES/SWITCHES, PUMP & MOTOR CONTROLS

PRODUCT LINE **PAGE**

Pressure Gauges 1
Stainless Steel Pressure Gauges 2
Low Pressure Gauges 5
Contractor Pressure Gauges 5

Panel Mount Flanges 6

Restrictor Screw 6

Refill Glycerine 6

Pig Tail Syphons 6

Water & Gas Test Gauges 7

Water Level Gauge 8

Thermometers 8

Thermowells 8

Tridicators 8

Floatless Liquid Level Control Systems 9

Electrodes 9

Square D Products
Square D Pressure Switches 10
Square D Float Switches 12
Alternators 14
Pressure Switch Indicator Light 14

BII Pressure Switches 15

Pressure Sensors 15

Hubbell Pressure Switches 16

1-1/2" & 2" DIAL PRESSURE GAUGES - CENTER BACK MOUNT

- General Purpose - not for use with oxygen
- Brass or Lead Free Brass Male NPT Connection
- Steel or ABS Case
- Ambient Operating Temperature: -40 to 140°F (-40 to 60°C)
- Accuracy: 3% - 2% - 3% Grade B
- Bourdon Tube
- Acrylic Window
- Maximum Media Temperature: 140°F (60°C)

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

NO LEAD PART NO. 1-1/2" DIAL - 1/8" CBM	LIST PRICE-A	NO LEAD PART NO. 2" DIAL - 1/4" CBM (*1/8" CBM)	LIST PRICE-A	RANGE PSI	INCRE-MENTS	CASE QTY
PG15CBM-0-30NL	6.41	PGCBM-1-30NL	7.57	0-30	0.5	
PG15CBM-0-60NL	6.52	PGCBM-1-60NL	7.30	0-60	1	
		PGCBM-0-100NL *	6.96	0-100	1	
PG15CBM-0-100NL	6.41	PGCBM-1-100NL	6.96	0-100	1	
PG15CBM-0-160NL	6.52	PGCBM-1-160NL	6.96	0-160	2	
PG15CBM-0-200NL	6.52	PGCBM-1-200NL	7.57	0-200	2	
		2" PLASTIC ABS CASE				
		PGPCBM-1-60NL	6.80	0-60	1	

PART NO. 1-1/2" DIAL - 1/8" CBM	LIST PRICE-A	PART NO. 2" DIAL - 1/4" CBM	LIST PRICE-A	RANGE PSI	INCRE-MENTS	CASE QTY
		PGCBM-1-60	5.78	0-60	1	
PG15CBM-0-100	5.25	PGCBM-1-100	5.86	0-100	1	
PG15CBM-0-160	5.25	PGCBM-1-160	5.86	0-160	2	
		PGCBM-1-200	5.86	0-200	2	
		2" PLASTIC ABS CASE				
		PGPCBM-1-60	5.66	0-60	1	

Not For Conveying Potable Water

2" DIAL PRESSURE GAUGES - LOWER MOUNT

- General Purpose - not for use with oxygen
- Brass or Lead Free Brass Connection
- Steel or ABS Case
- Ambient Operating Temperature: -40 to 140°F (-40 to 60°C)
- Accuracy: 3% - 2% - 3% Grade B
- Bourdon Tube
- Acrylic Window
- Maximum Media Temperature: 140°F (60°C)

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

NO LEAD PART NO. STEEL CASE - 1/4" LM (* 1/8" LM)	LIST PRICE-A	NO LEAD PART NO. ABS CASE - 1/4" LM	LIST PRICE-A	RANGE PSI	INCRE-MENTS	CASE QTY
PG-15NL	6.35			0-15	0.2	100
PG-30NL	6.35	PGP-30NL	6.59	0-30	0.5	
PG-60NL	6.35	PGP-60NL	6.59	0-60	1	
PG-0-100NL *	6.35			0-100	1	100
PG-100NL	6.02	PGP-100NL	6.19	0-100	1	
PG-160NL	6.35			0-160	2	100
PG-200NL	6.02	PGP-200NL	6.52	0-200	2	
PG-300NL	6.35			0-300	5	100

PART NO. STEEL CASE - 1/4" LM	LIST PRICE-A	PART NO. ABS CASE - 1/4" LM (*1/8" LM)	LIST PRICE-A	RANGE PSI	INCRE-MENTS	CASE QTY
PG-30	5.41	PGP-30	5.22	0-30	0.5	
		PGP-0-60 *	5.22	0-60	1	
PG-60	5.41	PGP-60	5.22	0-60	1	
PG-100	5.41			0-100	1	
PG-160	5.41			0-160	2	
PG-200	5.41			0-200	2	
PG-300	5.41			0-300	5	
VACUUM GAUGE						
PGV-30	5.97			30-0Hg	0.5	
VACUUM / PRESSURE						
PGC-30-30	5.97			30Hg-0-30	0.5	
PGC-30-150	5.97			30Hg-0-150	1	

Not For Conveying Potable Water

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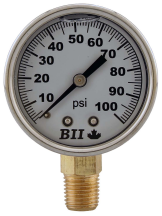
2" DIAL PRESSURE GAUGES - LIQUID FILLED - LOWER & CENTER BACK MOUNT

- General Purpose - not for use with oxygen
- Accuracy: +/- 1.5% Full Scale Value
- Brass or Lead Free Brass Connection
- Steel Case
- Ambient Operating Temperature: -4 to 140°F (-20 to 60°C)
- Ideal for use where vibration or pressure pulsation occurs
- Bourdon Tube
- Polycarbonate Window
- Glycerine Filled
- Maximum Media Temperature: 140°F (60°C)

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

NO LEAD PART NO. 1/4" LM	LIST PRICE-A	NO LEAD PART NO. 1/4" CBM (* 1/8" CBM)	LIST PRICE-A	RANGE PSI	INCRE-MENTS	CASE QTY
PG-30-GNL	11.62			0-30	0.5	100
PG-60-GNL	11.62			0-60	1	100
		PGCBM-0-100-GNL *	11.62	0-100	1	
PG-100-GNL	10.94	PGCBM-1-100-GNL	11.62	0-100	1	
PG-160-GNL	11.62			0-160	2	100
PG-200-GNL	11.62			0-200	2	100



PART NO. 1/4" LM	LIST PRICE-A	PART NO. 1/4" CBM (* 1/8" CBM)	LIST PRICE-A	RANGE PSI	INCRE-MENTS	CASE QTY
		PGCBM-0-100-G *	9.78	0-100	1	
VACUUM / PRESSURE GAUGE						
PGC-30-30-G	10.33			30Hg-0-30	0.5	

Not For Conveying Potable Water

2" DIAL STAINLESS STEEL PRESSURE GAUGES - LIQUID FILLED - LOWER & CENTER BACK MOUNT

- General Purpose - not for use with oxygen
- Accuracy: 3% - 2% - 3% Grade B
- Stainless Steel Internals and Connection
- 304 Stainless Steel Case w/ vent plug • Glycerine Filled
- Maximum Media Temperature: 140°F (60°C)
- Ideal for use where vibration or pressure pulsation occurs
- Bourdon Tube
- Polycarbonate Window
- Ambient Operating Temperature: -4 to 140°F (-20 to 60°C)

PART NO. 1/4" LM	LIST PRICE-A	PART NO. 1/4" CBM	LIST PRICE-A	RANGE PSI	INCRE-MENTS	CASE QTY
PGS-100-G	37.50	PGSCBM-100-G	37.50	0-100	1	

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

IMPORTANT: Liquid Filled Gauges are sealed with a rubber plug to prevent leaking during shipment. Upon installation the *tip of the plug must be cut off* to allow the equalization of the internal gauge pressure to the atmospheric pressure. FAILURE TO DO SO WILL ADVERSELY AFFECT THE FUNCTION OF THE GAUGE.

GLYCERINE TEMPERATURE RATINGS

"BII" gauges are filled with 100% (99.7% min.) glycerine, which starts to become viscous at +17°C. As temp. decreases, the more viscous glycerine becomes, causing the pointer to move slower to its correct position, it can take several minutes. At -5°C these gauges no longer operate. For operating temps. less than -5°C, glycerine is mixed: 2 parts glycerine with 1 part water (66.7%), which actually lowers the freezing point of the solution allowing the gauge to be used in temps. as low as -46°C.

2-1/2" DIAL PRESSURE GAUGES - LOWER MOUNT

- General Purpose - not for use with oxygen
- Brass or Lead Free Brass Connection
- Steel Case
- Ambient Operating Temperature: -40 to 140°F (-40 to 60°C)
- Accuracy: 3% - 2% - 3% Grade B
- Bourdon Tube
- Acrylic Window
- Maximum Media Temperature: 140°F (60°C)

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

NO LEAD PART NO. 1/4" LM	RANGE PSI	INCRE-MENTS	CASE QTY	LIST PRICE-A
PG25-15NL	0-15	0.5		8.28
PG25-30NL	0-30	0.5		7.68
PG25-60NL	0-60	1		7.68
PG25-100NL	0-100	1		7.30
PG25-160NL	0-160	2		7.85
PG25-200NL	0-200	2		7.68
PG25-300NL	0-300	5		7.68
PG25-400NL	0-400	5		8.05
PG25-600NL	0-600	10		7.68

PG25-100	0-100	1		6.46
PG25-160	0-160	2		6.46
PG25-200	0-200	2		6.46
VACUUM / PRESSURE GAUGE				
PGC25-30-0-15	30Hg-0-15	2/1		7.01

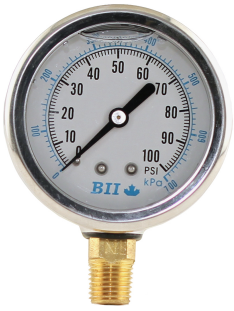
Not For Conveying Potable Water

2-1/2" DIAL PRESSURE GAUGES - LIQUID FILLED - LOWER & CENTER BACK MOUNT

- General Purpose - not for use with oxygen
- Accuracy: +/- 1.5% Full Scale Value
- Brass or Lead Free Brass Connection
- 304 Stainless Steel Case w/ vent plug
- Ambient Operating Temperature: -4 to 140°F (-20 to 60°C)
- Ideal for use where vibration or pressure pulsation occurs
- Bourdon Tube
- Polycarbonate Window
- Glycerine Filled
- Maximum Media Temperature: 140°F (60°C)
- Gauges 15 to 600 PSI are tapped for a Restrictor Screw (not included) 1000 PSI or more are tapped and include Restrictor Screw

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

NO LEAD PART NO. 1/4" LM	LIST PRICE-A	NO LEAD PART NO. 1/4" CBM	LIST PRICE-A	DUAL RANGE PSI	DUAL RANGE kPa	INCRE-MENTS	CASE QTY
PG25-15-GNL	19.11	PG25CBM-15-GNL	20.32	0-15	0-100	0.2	
PG25-30-GNL	18.28	PG25CBM-30-GNL	18.39	0-30	0-200	0.5	
PG25-60-GNL	18.28	PG25CBM-60-GNL	18.56	0-60	0-400	1	
PG25-100-GNL	17.34	PG25CBM-100-GNL	18.39	0-100	0-700	1	
PG25-160-GNL	19.35	PG25CBM-160-GNL	18.56	0-160	0-1100	2	
PG25-200-GNL	19.35	PG25CBM-200-GNL	18.39	0-200	0-1400	2	
PG25-300-GNL	18.50	PG25CBM-300-GNL	18.56	0-300	0-2000	5	
PG25-400-GNL	18.56	PG25CBM-400-GNL	20.21	0-400	0-2800	5	
PG25-600-GNL	18.56	PG25CBM-600-GNL	18.56	0-600	0-4000	10	



PART NO. 1/4" LM	LIST PRICE-A	PART NO. 1/4" CBM	LIST PRICE-A	DUAL RANGE PSI	DUAL RANGE kPa	INCRE-MENTS	CASE QTY
2-PG25-15-G	19.62			0-15	0-100	0.2	
2-PG25-30-G	19.04			0-30	0-200	0.5	
2-PG25-60-G	19.04			0-60	0-400	1	
2-PG25-100-G	19.04			0-100	0-700	1	
2-PG25-160-G	19.04			0-160	0-1100	2	
2-PG25-200-G	19.04			0-200	0-1400	2	
2-PG25-300-G	19.04			0-300	0-2000	5	
2-PG25-1000-G	19.62	2-PG25CBM-1000-G	19.74	0-1000	0-7000	10	
2-PG25-1500-G	19.62	2-PG25CBM-1500-G	19.74	0-1500	0-10000	20	
2-PG25-2000-G	19.62	2-PG25CBM-2000-G	19.74	0-2000	0-14000	20	
2-PG25-3000-G	19.62	2-PG25CBM-3000-G	19.74	0-3000	0-20000	50	
2-PG25-4000-G	19.62	2-PG25CBM-4000-G	19.74	0-4000	0-28000	50	
2-PG25-5000-G	20.78	2-PG25CBM-5000-G	20.90	0-5000	0-35000	50	
2-PG25-10000-G	21.95	2-PG25CBM-10000-G	22.07	0-10000	0-70000	100	
VACUUM GAUGE							
2-PGV25-30-G	19.62	2-PGV25CBM-30-G	19.74	30-0Hg		0.5	
VACUUM/PRESSURE GAUGE							
2-PGC25-30-30-G	19.62	2-PGC25CBM-30-30G	19.74	30Hg-0-30		2/1	
2-PGC25-30-150-G	19.62	2-PGC25CBM-30150G	19.74	30Hg-0-150		10/5	

Not For Conveying Potable Water

IMPORTANT: Liquid Filled Gauges are sealed with a rubber plug to prevent leaking during shipment. Upon installation the *tip of the plug must be cut off* to allow the equalization of the internal gauge pressure to the atmospheric pressure. FAILURE TO DO SO WILL ADVERSELY AFFECT THE FUNCTION OF THE GAUGE.

Glycerin Temperature Rating: Gauges are filled with 99.7% concentration glycerin, which starts to become viscous at +63°F (17°C). As the temperature decreases, the more viscous glycerin becomes, which causes the pointer to move slower to its correct position. At 23°F (-5°C) these gauges will no longer operate.
For operating temperatures lower than 23°F (-5°C), glycerin should be mixed 2 parts glycerin with 1 part water (66.7% concentration) which lowers the freezing point allowing the gauge to be used in temperatures as low as -51°F (-46°C).

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NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

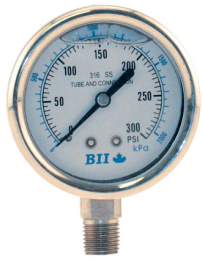
2-1/2" DIAL STAINLESS STEEL PRESSURE GAUGES - LOWER & CENTER BACK MOUNT

- General Purpose - not for use with oxygen
- Accuracy: +/- 1.5% Full Scale Value
- Stainless Steel Internals and Connection
- 304 Stainless Steel Case
- Ambient Operating Temperature:
  - Dry: -40 to 140°F (-40 to 60°C)
  - Glycerine-filled: -4 to 140°F (-20 to 60°C)
- Ideal for use in corrosive environments
- Bourdon Tube
- Polycarbonate Window
- Dry and Glycerine Filled
- Maximum Media Temperature: 140°F (60°C)

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

- Gauges 15 to 600 PSI are tapped for a Restrictor Screw (not included) 1000 PSI or more are tapped and include Restrictor Screw

PART NO. 1/4" LM	LIST PRICE-A	PART NO. 1/4" CBM	LIST PRICE-A	DUAL RANGE PSI	kPa	INCRE-MENTS	CASE QTY
PGS25-15	45.29	PGS25CBM-15	POR	0-15	0-100	0.2	
PGS25-30	44.70	PGS25CBM-30	44.70	0-30	0-200	0.5	
PGS25-60	44.70	PGS25CBM-60	44.70	0-60	0-400	1	
PGS25-100	44.70	PGS25CBM-100	44.70	0-100	0-700	1	
PGS25-160	44.70	PGS25CBM-160	44.70	0-160	0-1100	2	
PGS25-200	44.70	PGS25CBM-200	44.70	0-200	0-1400	2	
PGS25-300	44.70	PGS25CBM-300	44.70	0-300	0-2000	5	
PGS25-400	44.70	PGS25CBM-400	44.70	0-400	0-2800	5	
PGS25-600	44.70	PGS25CBM-600	44.70	0-600	0-4000	10	
PGS25-1000	45.29	PGS25CBM-1000	POR	0-1000	0-7000	20	
PGS25-1500	45.29	PGS25CBM-1500	POR	0-1500	0-10000	20	
PGS25-2000	45.29	PGS25CBM-2000	POR	0-2000	0-14000	20	
PGS25-3000	45.29	PGS25CBM-3000	POR	0-3000	0-20000	50	
PGS25-5000	46.46	PGS25CBM-5000	POR	0-5000	0-35000	50	
PGS25-10000	48.24	PGS25CBM-10000	POR	0-10000	0-70000	100	
VACUUM GAUGE							
PGSV25-30	45.29			30-0Hg		0.5	
VACUUM/PRESSURE GAUGE							
PGSC25-30-30	44.70	PGSC25CBM-30-30	44.70	30Hg-0-30		2/1	
LIQUID FILLED w/ vent plug							
PGS25-15-G	47.76	PGS25CBM-15-G	280.83	0-15	0-100	0.2	
PGS25-30-G	47.18	PGS25CBM-30-G	52.58	0-30	0-200	0.5	
PGS25-60-G	47.18	PGS25CBM-60-G	52.58	0-60	0-400	1	
PGS25-100-G	47.18	PGS25CBM-100-G	47.18	0-100	0-700	1	
PGS25-160-G	47.18	PGS25CBM-160-G	52.58	0-160	0-1100	2	
PGS25-200-G	47.18	PGS25CBM-200-G	47.18	0-200	0-1400	2	
PGS25-300-G	47.18	PGS25CBM-300-G	47.18	0-300	0-2000	5	
PGS25-400-G	52.58	PGS25CBM-400-G	52.58	0-400	0-2800	10	
PGS25-600-G	47.18	PGS25CBM-600-G	52.58	0-600	0-4000	10	
PGS25-1000-G	53.17	PGS25CBM-1000-G	POR	0-1000	0-7000	20	
PGS25-1500-G	53.17	PGS25CBM-1500-G	POR	0-1500	0-10000	20	
PGS25-2000-G	53.17	PGS25CBM-2000-G	POR	0-2000	0-14000	50	
PGS25-3000-G	53.17	PGS25CBM-3000-G	POR	0-3000	0-20000	50	
PGS25-5000-G	54.37	PGS25CBM-5000-G	POR	0-5000	0-35000	50	
PGS25-10000-G	56.16	PGS25CBM-10000-G	POR	0-10000	0-70000	200	
VACUUM GAUGE							
PGSV25-30-G	47.76			30-0Hg		0.5	
VACUUM/PRESSURE GAUGE							
PGSC25-30-30-G	52.58	PGSC25CBM-30-30-G	52.58	30Hg-0-30		2/1	



IMPORTANT: Liquid Filled Gauges are sealed with a rubber plug to prevent leaking during shipment. Upon installation the *tip of the plug must be cut off* to allow the equalization of the internal gauge pressure to the atmospheric pressure. FAILURE TO DO SO WILL ADVERSELY AFFECT THE FUNCTION OF THE GAUGE.

Glycerin Temperature Rating: Gauges are filled with 99.7% concentration glycerin, which starts to become viscous at +63°F (17°C). As the temperature decreases, the more viscous glycerin becomes, which causes the pointer to move slower to its correct position. At 23°F (-5°C) these gauges will no longer operate.
For operating temperatures lower than 23°F (-5°C), glycerin should be mixed 2 parts glycerin with 1 part water (66.7% concentration) which lowers the freezing point allowing the gauge to be used in temperatures as low as -51°F (-46°C).

2-1/2" DIAL LOW PRESSURE GAUGES - LOWER MOUNT

- General Purpose - not for use with oxygen
- Accuracy: +/- 1.5% Full Scale Value
- Brass Connection
- Steel Case
- Ambient Operating Temperature: -4 to 140°F (-20 to 60°C)
- Gauges are tapped and include Restrictor Screw
- Ideal for use in low pressure pneumatic systems
- For accurate measurement shown in inches of water (1/2 thru 10 PSI)
- Zero adjustment screw on dial
- Acrylic Window
- Maximum Media Temperature: 140°F (60°C)

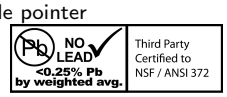
PART NO. 1/4" LM	RANGE PSI	INCRE-MENTS	CASE QTY	LIST PRICE-A
PG25-0-15IN	0-15 IN H_2O	0.2		238.98
PG25-0-30IN	0-30 IN H_2O	0.5		238.98
PG25-0-60IN	0-60 IN H_2O	1		238.98
PG25-0-100IN	0-100 IN H_2O	2		238.98
PG25-0-200IN	0-200 IN H_2O	5		238.98
PG25-0-5PSI	0-5 PSI	0.1		238.98
PG25-0-10PSI	0-10 PSI	0.2		238.98

Not For Conveying Potable Water

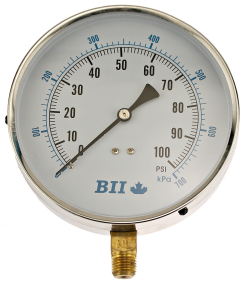
Note: Additional Error when temperature changes from reference temperature of 68°F (20°C) +/- 0.4% for every 18°F (10°C) rising or falling.

4-1/2" DIAL CONTRACTOR GAUGES - LOWER MOUNT

- General Purpose - not for use with oxygen
- Accuracy: +/- 1% Full Scale Value (3000 & 5000 PSI 2%)
- Brass or Lead Free Brass Connection
- 304 Stainless Steel Case and bezel
- Ambient Operating Temperature: -40 to 140°F (-40 to 60°C)
- Gauges 15 to 600 PSI are tapped for a Restrictor Screw (not included)
- Extra large dial face with readjustable pointer
- Bourdon Tube
- Acrylic Window
- Maximum Media Temperature: 140°F (60°C)



PART NO. 1/4" LM	DUAL RANGE PSI	DUAL RANGE kPa	INCRE-MENTS	CASE QTY	LIST PRICE-A
PG45-15NL	0-15	0-100	0.2		26.01
PG45-30NL	0-30	0-200	0.5		26.21
PG45-60NL	0-60	0-400	1		26.11
PG45-100NL	0-100	0-700	1		26.11
PG45-160NL	0-160	0-1100	2		26.21
PG45-200NL	0-200	0-1400	2		26.21
PG45-300NL	0-300	0-2000	5		26.78
PG45-400NL	0-400	0-2800	5		26.21
PG45-600NL	0-600	0-4000	10		26.21



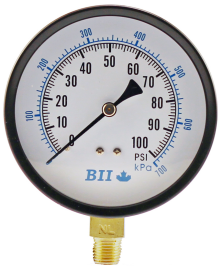
PART NO. VACUUM GAUGE	DUAL RANGE PSI	DUAL RANGE kPa	INCRE-MENTS	CASE QTY	LIST PRICE-A
PGV45-30	30-0Hg		0.5		27.83
VACUUM/PRESSURE GAUGE					
PGC45-30-30	30Hg-0-30		2/1		27.24

Not For Conveying Potable Water

4" DIAL PRESSURE GAUGES - LOWER MOUNT

- General Purpose - not for use with oxygen
- Brass Connection
- Steel Case
- Ambient Operating Temperature: -40 to 140°F (-40 to 60°C)
- Maximum Media Temperature: 140°F (60°C)
- Accuracy: +/- 2.5% Full Scale Value
- Bourdon Tube
- Acrylic Window

PART NO. 1/4" LM	DUAL RANGE PSI	DUAL RANGE kPa	INCRE-MENTS	CASE QTY	LIST PRICE-A
PG40-30NL	0-30	0-200	0.5	50	15.56
PG40-60NL	0-60	0-400	1	50	15.56
PG40-100NL	0-100	0-700	1	50	15.56
PG40-160NL	0-160	0-1100	2	50	15.56
PG40-200NL	0-200	0-1400	2	50	15.56
PG40-300NL	0-300	0-2000	5	50	15.56



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4" DIAL PRESSURE GAUGES - LIQUID FILLED - LOWER MOUNT

- General Purpose - not for use with oxygen
- Accuracy: +/- 1.5% Full Scale Value
- Brass or Lead Free Brass Connection
- 304 Stainless Steel Case w/ vent plug
- Ambient Operating Temperature: -4 to 140°F (-20 to 60°C)
- Ideal for use where vibration or pressure pulsation occurs
- Bourdon Tube
- Polycarbonate Window
- Glycerine Filled
- Maximum Media Temperature: 140°F (60°C)

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

PART NO. 1/4" LM	LIST PRICE-A	DUAL RANGE PSI	DUAL RANGE kPa	INCREMENTS	CASE QTY
PG40-15-GNL	52.73	0-15	0-100	0.2	
PG40-30-GNL	52.18	0-30	0-200	0.5	
PG40-60-GNL	52.18	0-60	0-400	1	
PG40-100-GNL	52.18	0-100	0-700	1	
PG40-160-GNL	52.18	0-160	0-1100	2	
PG40-200-GNL	52.18	0-200	0-1400	2	
PG40-300-GNL	52.18	0-300	0-2000	5	
PG40-400-GNL	52.18	0-400	0-2800	5	
PG40-600-GNL	52.18	0-600	0-4000	10	
PG40-1000-G	53.45	0-1000	0-7000	10	
PG40-1500-G	53.45	0-1500	0-10000	20	
PG40-2000-G	53.45	0-2000	0-14000	20	
PG40-3000-G	53.45	0-3000	0-20000	50	
PG40-5000-G	54.61	0-5000	0-35000	50	
PG40-10000-G	56.36	0-10000	0-70000	100	

Not For Conveying Potable Water

PRESSURE GAUGE ACCESSORIES

PANEL MOUNT FLANGES

PART NO.	DESCRIPTION	LIST PRICE-A
3-HOLE FRONT FLANGE FOR 2 1/2"		
PG25CBM-FF	3-Hole Front Flange - 2 1/2" Dial back mount only	2.54
PG25CBM-UC	U-Clamp Mounting Flange - 2 1/2" Dial	2.89

RESTRICTOR SCREW

- Threaded into socket to dampen pulsation surges

PART NO.	DESCRIPTION	LIST PRICE-A
2-PG25-RS	Restrictor Screw for 2-Series Gauges	1.40

REFILL GLYCERINE

- 1 litre bottle - 99.9% glycerine starts to become viscous@ (+)17deg.c.

PART NO.	DESCRIPTION	LIST PRICE-A
PGA-G-1L	1 L Refill glycerine for liquid filled guages	70.64

BRASS SNUBBERS - BRASS SNUBBING ELEMENT

Brass body and Brass snubbing element and Brass retainer. These snubbers allow the screen to be removed from the body for cleaning.

- Maximum Operating Pressure: 10,000 PSI
- Operating Temperature: -40°C to +60°C
- Burst Pressure: 20,000 PSI

PART NO.	CONNECTION INLET x OUTLET	SERVICE/ APPLICATION	VISCOSITY RANGE MICRON/SSU	LIST PRICE-A
2-PGA-BS-D	1/4" MPT x 1/4" FPT	Heavy Oils	50 micra (0.002")	6.58
2-PGA-BS-E	1/4" MPT x 1/4" FPT	Gasoline, Water or Light Oil	25 micra (0.001")	6.79
2-PGA-BS-G	1/4" MPT x 1/4" FPT	Air and Other Gases	15 micra (0.0006")	6.58

PIG TAIL SYPHONS

Used to reduce steam or other process media temperature prior to entering pressure gauge or transmittor.
Available in STEEL or BRASS Weight: 7 ounces (200 grams)

NO LEAD LEAD-FREE

PART NO.	DESCRIPTION	LIST PRICE-A
STEEL		
PGA-PTS-02	Schedule 40 Steel Pipe	5.67

Will function properly and withstand pressure and temperature of 600 lbs per square inch and 750°F.

RED BRASS		
PGA-PTB-02	Schedule 40 Red Brass Pipe	21.84

Will function properly and withstand a combined pressure and temperature of 200 lbs. per inch and 406°F.

WATER TEST GAUGE/MAX PRESSURE INDICATOR GAUGE

APPLICATION

This gauge provides a quick and easy way to test a wide range of pressure systems for leakage. With a standard 3/4" garden hose connection complete with washer this gauge attaches to hose bibbs, boiler drains and lawn faucets. Often used in conjunction with rubber test caps offering a quick and easy way to fill and drain water used in testing cast iron or Schedule 40 plastic pipe often used in sewer, drain and waste water systems. Part numbers with the MP suffix come with a maximum pressure indicator pointer. The indicator pointer is ideal for recording the maximum system pressure reached. The pointer can be reset by turning the external knob counter clockwise.

PART NO.	RANGE PSI	INCRE-MENTS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PG25-WTG200MP	0-200	10	50		12.26
PG25-WTG300	0-300	10	50		10.44
PG25-WTG300MP	0-300	10	50		12.26

Connection - 3/4" Brass Female Hose Thread - Swivel

GAS TEST GAUGES

APPLICATION

These gauges come completely assembled on a chrome plated steel hex manifold incorporating a snifter (air) valve complete with a plastic cap. The manifold is threaded with a 3/4" FPT connection. This test gauge package provides a quick and easy means of pressurizing and monitoring a gas system for leakage.

PART NO.	CONNECTIONS	RANGE PSI	INCRE-MENTS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PG-GT15	3/4" FPT	0 - 15	0.2 PSI	50		13.69
PG-GT30	3/4" FPT	0 - 30	0.5 PSI	50		13.69
PG-GT100	3/4" FPT	0 - 100	1 PSI	50		13.69
PG-GT200	3/4" FPT	0 - 200	2 PSI	50		13.69

GAS TEST MANIFOLD W/O GAUGE

This is a chrome plated steel hex manifold incorporating a snifter (air) valve complete with a plastic cap. The manifold is threaded with a 3/4" FPT connection. This test gauge package provides a quick and easy means of pressurizing and monitoring a gas system for leakage. Gauges sold separately.

PART NO.	LIST PRICE-A
PG-GTM	8.29

GAS TEST MANIFOLD COUPLING

- Trouble free alternative to test gas systems
- Black malleable iron 3/4" x 1/4" reducer
- Coupling drilled and tapped 1/8"

PART NO.	RANGE PSI	INCRE-MENTS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PG-GTMC (Coupling Only)			16	128	4.97
CHOICE OF ACCESSORY PACKAGES AVAILABLE					
Complete with 1/8" Snifter Valve					
PG-GTMC-SV			100		7.74
Complete with Pressure Gauge and Snifter Valve					
PG-GTMC-15	0 - 15	0.2	50		14.86
PG-GTMC-30	0 - 30	0.5	50		14.30
PG-GTMC-60	0 - 60	1	50		14.30
PG-GTMC25-15	0 - 15	0.2	50		16.46
PG-GTMC25-30	0 - 30	0.5	50		16.46
PG-GTMC25-60	0 - 60	1	50		16.46
PG-GTMC25-100	0 - 100	1	50		16.46

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WATER LEVEL GAUGE

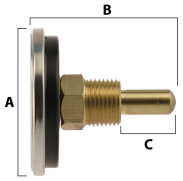
This gauge is used to indicate the depth of water in a well. The gauge and an air line reaching the well bottom are charged with air. The pressure required to permit air to escape from the end of the air line is a measure of the head of water above the end of the air line. The length of air line may be set on the adjustable dial to permit reading water level in feet below the ground surface.

- Accuracy: +/- 3% - 2% - 3%
- Brass 1/4" LM Connection
- 304 Stainless Steel Case and bezel with side screws
- Bourdon tube - phosphor bronze, soft soldered
- 4-1/2" Aluminum rotating dial
- Acrylic Window
- Brass pointer with black finish

PART NO.	LIST PRICE-A	RANGE	INCREMENTS	CASE QTY
PG45-WL	31.25	0-390' H_2O	0.2	

2-1/2" & 3" DIAL BI-METAL THERMOMETERS

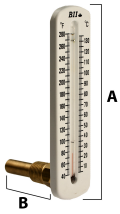
- General purpose industrial thermometer
- Accuracy: +/- 2% Working Range - Max Scale Value
- Coiled bi-metal element
- Aluminum case
- Brass or Stainless Steel Thermowell
- Acrylic Window
- Thermowell Max Pressure Rating: 87 PSI (600 kPa)

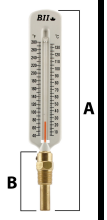


PART NO.	LIST PRICE-A	CONNECTION	DUAL RANGE °F	DUAL RANGE °C	DIMENSIONS A	DIMENSIONS B	DIMENSIONS C	CASE QTY
TW25-CB2-250-25	18.64	1/2" CBM Brass	32-250 °F	0-120 °C	2-1/2"	2-9/16"	1"	
TW30-CB2-250-25	26.65	1/2" CBM Brass	32-250 °F	0-120 °C	3-5/16"	3-11/16"	2-7/16"	
TW25-CB2-250-SS25	22.53	1/2" CBM SS	32-250 °F	0-120 °C	2-1/2"	2-9/16"	1"	

HOT WATER THERMOMETERS

- General purpose use with hot water
- Brass Thermowell
- Red Organic Kerosene Liquid





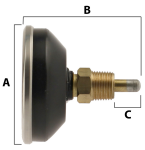
PART NO. ANGLE	LIST PRICE-A	CONNECTION	DUAL RANGE °F	DUAL RANGE °C	DIMENSIONS A	DIMENSIONS B	CASE QTY
THW8-A2-280	21.16	1/2" MPT BRASS	40 to 280	5 to 135	6-15/16"	3-1/8"	
STRAIGHT							
THW8-S2-280	20.00	1/2" MPT BRASS	40 to 280	5 to 135	10-7/8"	3-1/8"	

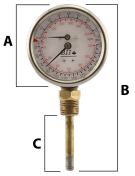
THERMOWELLS

PART NO.	LIST PRICE-A	CONNECTION	FOR USE WITH
TW-05/40MM	9.53	1/2" MPT BRASS	TW25-CB2-250-25

2-1/2" & 3" DIAL TRIDICATORS

- General purpose industrial combination pressure gauge/thermometer
- Bourdon tube and Coiled bi-metal element
- Brass Connection
- 3" Dial face comes with adjustable indicator
- Accuracy: Pressure +/- 3% - 2% - 3% Temperature +/- 2%
- Red (2-1/2") or Black (3") Steel Case
- Acrylic Window





PART NO.	LIST PRICE-A	TEMP. RANGE	PRESSURE RANGE	DIMENSIONS A	DIMENSIONS B	DIMENSIONS C	CASE QTY
2-1/2" DIAL RED STEEL CASE - 1/4" CBM							
TR25-CB1-60/250	21.97	30-250 °F 0-120 °C	0-75 PSI 0-500 kPa	2-11/16"	3-9/16"	1-9/16"	
TR25X1-CB1-60/250	25.35	30-250 °F 0-120 °C	0-75 PSI 0-500 kPa	2-11/16"	4-7/8"	1-5/8"	
3" DIAL BLACK STEEL CASE - 1/2" CBM							
TR30-CB2S-60/250	26.47	30-250 °F 0-120 °C	0-75 PSI 0-500 kPa	3-5/16"	3-3/16"	11/16"	
TR30-CB2-60/250	26.47	30-250 °F 0-120 °C	0-75 PSI 0-500 kPa	3-5/16"	4-7/8"	2-1/4"	
3" DIAL BLACK STEEL CASE - 1/2" LM							
TR30-LM2-60/250	30.42	30-250 °F 0-120 °C	0-75 PSI 0-500 kPa	3-5/16"	6-3/4"	2-1/4"	
TR30-LM2-80/290	30.42	80-290 °F 26-143 °C	0-200 PSI 0-1400 kPa	3-5/16"	6-3/4"	2-1/4"	

FLOATLESS LIQUID LEVEL CONTROL SYSTEMS

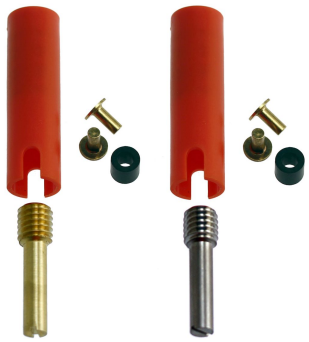
Provides automatic low level cut-off protection for submersible pumps and deep well turbines. Liquid level submersible pump control system consists of a standard enclosed type LH induction relay which operates from two types of electrodes - ELB or ELS - suspended at desired levels. Properly installed, these components provide reliable automatic low level cut-off protection for submersible pumps and deep well turbines. Permits efficient operation at full capacity and eliminates danger of pumping air or sand.
NOTE: ELB or ELS not included

Nema 1 General Purpose Metal Enclosure
Rated at 1 H.P. Single Phase, 115 or 230 volts, 25 AMP

TYPE LH RELAY - The LH Relay is a pump down control for sewage and sump pump, condensate return systems.
TYPE RH RELAY - The RH Relay is a pump up control for supply pumps on elevated tanks and towers.
TYPE DH RELAY - The DH Relay is a two way control system for pump up or pump down.

PART NO.	MODEL #	LINE VOLTAGE	SECONDARY COIL VOLT	DESCRIPTION/OPERATION	LIST PRICE-A
LH-115	1500-C-L1-S8-NI-X	110/120V	360V AC	Pump Down - Submersible	POR
LH-230	1500-C-L2-S8-NI-X	208/240V	360V AC	Pump Down - Submersible	POR
RH-115	1500-D-L1-S8-NI-X	110/120V	360V AC	Pump Up - Open System	POR
RH-230	1500-D-L2-S8-NI-X	208/240V	360V AC	Pump Up - Open System	POR
DH-115	1500-G-L1-S8-NI-X	110/120V	360V AC	Pump Up / Down - Submersible & Open	POR
DH-230	1500-G-L2-S8-NI-X	208/240V	360V AC	Pump Up / Down - Submersible & Open	POR

ELECTRODES



The Electrode is made of brass or stainless steel, 2" long. They are assembled in molded plastic insulating shields, and suspended at desired levels in the well by means of suspension wire. Wiring diagrams and complete installation instructions are included with each control. 2 or 3 electrodes are required depending on application. A system ground return circuit is required from the indicated relay terminal to the liquid in order to complete the secondary circuit of relay. Conduit should not be used. Instead, connection should be made directly to uninsulated metal tank, or to metal pipe connected to tank below normal low liquid level. In wells, or insulated tanks, use an extra common electrode extending slightly below the longest operating electrode.

PART NO.	DESCRIPTION	LIST PRICE-A
ELB	Brass Electrode	111.61
ELS	Stainless Steel Electrode	117.81

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NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

PUMPTROL®SMALL WATER PUMP PRESSURE SWITCHES - TYPES FSG & FYG

For complete details please refer to Square D Mini Catalogue

INDIVIDUALLY BOXED & BULK PACKED BULK PACKED SWITCHES MUST BE ORDERED BY CARTON QUANTITIES & C20 MUST BE SHOWN ON THE PART NUMBER.

PART NUMBER CLASS	TYPE	CODE	FORM	PRES SETTING CLOSE-OPEN	CONNECTION / DESCRIPTION	QTY CTN	QTY CASE	LIST PRICE-A
9013	FSG2	J20		20 - 40	1/4" FPT - Standard Duty Switch	50		45.01
9013	FSG2	J20	C20	20 - 40	1/4" FPT - Standard Duty Switch	20		44.03
9013	FSG2	J21		30 - 50	1/4" FPT - Standard Duty Switch	50		45.01
9013	FSG2	J21	C20	30 - 50	1/4" FPT - Standard Duty Switch	20		44.03
9013	FSG2	J24		40 - 60	1/4" FPT - Standard Duty Switch	50		45.01
9013	FSG2	J24	C20	40 - 60	1/4" FPT - Standard Duty Switch	20		44.03
9013	FSG2	J20	M1	20 - 40	1/4" FPT - Manual Cut Out Lever	40		53.30
9013	FSG2	J21	M1	30 - 50	1/4" FPT - Manual Cut Out Lever	40		53.30
9013	FSG2	J24	M1	40 - 60	1/4" FPT - Manual Cut Out Lever	40		53.30
9013	FSG2	J20	M4	20 - 40	1/4" FPT - Low Pressure Cut-off	40		58.88
9013	FSG2	J20	M4C20	20 - 40	1/4" FPT - Low Pressure Cut-off	20		57.90
9013	FSG2	J21	M4	30 - 50	1/4" FPT - Low Pressure Cut-off	40		58.88
9013	FSG2	J21	M4C20	30 - 50	1/4" FPT - Low Pressure Cut-off	20		57.90
9013	FSG2	J24	M4	40 - 60	1/4" FPT - Low Pressure Cut-off	40		58.88
9013	FSG2	J24	M4C20	40 - 60	1/4" FPT - Low Pressure Cut-off	20		57.90
9013	FSG2	J20	P	20 - 40	1/4" FPT - Pulsation Plug			45.87
9013	FSG2	J21	P	30 - 50	1/4" FPT - Pulsation Plug	1		45.87
9013	FSG2	J21	PC20	30 - 50	1/4" FPT - Pulsation Plug	20		45.01
9013	FSG2	J24	P	40 - 60	1/4" FPT - Pulsation Plug			45.87
9013	FSG9	J20		20 - 40	1/4" MPT			45.01
9013	FSG9	J21		30 - 50	1/4" MPT			45.01
9013	FSG9	J21	C20	30 - 50	1/4" MPT	20		44.03
9013	FSG9	J24		40 - 60	1/4" MPT			45.01
9013	FSG9	J20	P	20 - 40	1/4" MPT - Pulsation Plug			45.87
9013	FSG9	J21	P	30 - 50	1/4" MPT - Pulsation Plug			45.87
9013	FSG10	J20		20 - 40	Mini Barb			45.01
9013	FSG10	J21		30 - 50	Mini Barb			45.01
9013	FSG10	J21	C20	30 - 50	Mini Barb	20		44.03
9013	FSG10	J20	T	20 - 40	Mini Barb - 1/2" Conduit Bushing - on left			51.48
9013	FSG10	J21	T	30 - 50	Mini Barb - 1/2" Conduit Bushing - on left			51.48
9013	FSG10	J21	TC16	30 - 50	Mini Barb - 1/2" Conduit Bushing - on left	16		50.61
9013	FSG14	J20		20 - 40	1/4" Barb			45.01
9013	FSG14	J21		30 - 50	1/4" Barb			45.01
9013	FSG14	J21	C20	30 - 50	1/4" Barb	20		44.03
9013	FSG14	J21	T	30 - 50	1/4" Barb - 1/2" Conduit Bushing - on left			51.48
9013	FSG42	J99	615	6 - 15	1/4" FPT			56.98
9013	FSG52	J25		60 - 80	1/4" FPT	1	20	58.88
9013	FSG52	J33		50 - 70	1/4" FPT	20		58.88
9013	FYG2	J20	C20	20 - 40	1/4" FPT - Medium Duty	20		64.47
9013	FYG2	J21		30 - 50	1/4" FPT - Medium Duty			65.79
9013	FYG2	J24		40 - 60	1/4" FPT - Medium Duty			65.79
9013	FYG2	J25		60 - 80	1/4" FPT - Medium Duty			65.79
9013	FYG2	J33		50 - 70	1/4" FPT - Medium Duty			65.79
9013	FYG2	J21	M4	30 - 50	1/4" FPT - Medium Duty low pressure cut off			80.17
9013	FYG2	J24	M4	40 - 60	1/4" FPT - Medium Duty low pressure cut off			80.17
9013	FYG2	J25	M4	60 - 80	1/4" FPT - Medium Duty low pressure cut off			80.17
9013	FYG29	J99	1020	10 - 20	1/4" MPT - Medium Duty			78.37
9013	FYG42	J99	615	6 - 15	1/4" FPT - Medium Duty			78.37

Accessories are supplied separately. No assembly done by Boshart Industries Inc.

ACCESSORIES		LIST PRICE-A
1530S6G1	Pulsation Plug	0.98
9998PC241	Contact Kit, All FSG	24.00
9998PC242	Contact Kit, All FYG	38.28

PUMPTROL®SMALL COMPRESSOR PRESSURE SWITCHES - TYPE FHG

For complete details please refer to Square D Mini Catalogue

INDIVIDUALLY BOXED

PART NUMBER CLASS	TYPE	CODE	FORM	PRES SETTING CLOSE-OPEN	CONNECTION / DESCRIPTION	LIST PRICE-A
9013	FHG2	J27		OFF 100	1/4" FPT - Contacts open on pressure rise	45.45
9013	FHG2	J27	X	OFF 100	1/4" FPT - Two-Way Pressure Release Valve	62.58
9013	FHG12	J52	X	OFF 125	1/4" FPT - Two-Way Pressure Release Valve	62.58
9013	FHG12	J55	X	OFF 150	1/4" FPT - Two-Way Pressure Release Valve	62.58
9013	FHG22	J27	X	OFF 100	1/4" FPT - Two-Way Pressure Release Valve	82.98
9013	FHG32	J55	M1	OFF 150	1/4" FPT - Manual Cut Out Lever	74.27
9013	FHG32	J55	X	OFF 150	1/4" FPT - Two-Way Pressure Release Valve	82.98
9013	FHG42	J59	X	OFF 175	1/4" FPT - Two-Way Pressure Release Valve	62.58
9013	FHG52	J59	X	OFF 175	1/4" FPT - Two-Way Pressure Release Valve	82.98

Accessories are supplied separately. No assembly done by Boshart Industries Inc.

ACCESSORIES		LIST PRICE-A
9998PC242	Contact Kit, All FHG	38.28

PUMPTROL®SMALL WATER PUMP PRESSURE SWITCHES - TYPE FRG

For complete details please refer to Square D Mini Catalogue

INDIVIDUALLY BOXED

PART NUMBER CLASS	TYPE	CODE	FORM	PRES SETTING CLOSE-OPEN	CONNECTION / DESCRIPTION	LIST PRICE-A
9013	FRG2	J23		40 - 20	1/4" FPT - Reverse action	82.52
9013	FRG2	J23	M5	40 - 20	1/4" FPT - Reverse action - auto on	90.83
9013	FRG2	J35		50 - 30	1/4" FPT - Reverse action	82.52
9013	FRG2	J99	6040	60 - 40	1/4" FPT - Reverse action	82.52
9013	FRG22	J22			1/4" FPT - Reverse action	90.44
9013	FRG22	J70		35 - 20	1/4" FPT - Reverse action	90.46
9013	FRG42	J36		10 - 5	1/4" FPT - Reverse action	90.46

Pb NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

PUMPTROL®COMMERCIAL/LIGHT INDUSTRIAL PRESSURE SWITCHES - TYPE G

For complete details please refer to Square D Mini Catalogue

INDIVIDUALLY BOXED

PART NUMBER CLASS	TYPE	CODE	FORM	PRES SETTING CLOSE-OPEN	CONNECTION / DESCRIPTION	LIST PRICE-A
9013	GHB2	J30		80 - 100	1/4" FPT - NEMA 3R - Rainproof	303.14
9013	GHG2	J25		60 - 80	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GHG2	J30		80 - 100	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GHG2	J30	X	80 - 100	1/4" FPT - Two way pressure release	234.97
9013	GHG2	J31		90 - 120	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GHG2	J33		50 - 70	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GHG2	J51	R	100 - 80	1/4" FPT - NEMA 1 - General purpose reverse action	203.43
9013	GHG2	J53		100 - 125	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GHG2	J57		120 - 150	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GHG2	J58		125 - 150	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GHG2	J62		140 - 175	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GHG2	J63		145 - 175	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GHG2	J63	X	145 - 175	1/4" FPT - Two way pressure release valve	234.97
9013	GHG5	J65		215 - 250	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GSB2	J24		40 - 60	1/4" FPT - NEMA 3R - Rainproof	227.56
9013	GSG2	J20		20 - 40	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GSG2	J21		30 - 50	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GSG2	J24		40 - 60	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GSG2	J25		60 - 80	1/4" FPT - NEMA 1 - General purpose	172.87
9013	GSR2	J20		20 - 40	1/4" FPT - NEMA 7 &9 - Hazardous locations	919.54

Accessories are supplied separately. No assembly done by Boshart Industries Inc.

ACCESSORIES		LIST PRICE-A
9049A52	Mounting Bracket for GHG, GSG	23.05
9998PC205	Contacts - GHG, GSG, GHR, GSR, GMG (Except Forms H and R)	53.12
9998PC208	Diaphragm Assembly - GHG, GSG	29.56

BOSHART INDUSTRIES

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

COMMERCIAL VACUUM SWITCH - CLASS 9016 - TYPE GVG-1

For complete details please refer to Square D Mini Catalogue
The Class 9016 Type GVG 1 is designed as a companion to the Class 9036 Type GG and the Class 9037 Type GG float switches in common use on vacuum heating pumps.
Electrical ratings of float and vacuum switch types are equal.

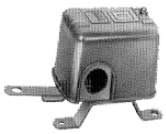
PART NUMBER CLASS	TYPE	CODE	PRES SETTING CLOSE-OPEN	CONNECTION / DESCRIPTION	LIST PRICE-A
9016	GVG1	J10	16.5 - 25 in HG	Pressure Conn. 1/4-18 NPSF	941.87

FLOAT SWITCHES - TYPES D & G - OPEN TANK OR SUMP - CLASS 9036

For complete details please refer to Square D Mini Catalogue

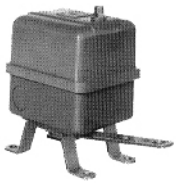
INDIVIDUALLY BOXED

PART NUMBER CLASS	TYPE	CODE	FORM	CONNECTION / DESCRIPTION	LIST PRICE-A
9036	DG2			NEMA 1 - Contacts close on liquid rise	120.50
9036	DG2		R	NEMA 1 - Contacts open on liquid rise	122.37
9036	GG2			NEMA 1 - Contacts close on liquid rise	230.78
9036	GG2		R	NEMA 1 - Contacts open on liquid rise	230.78
9036	DW31			NEMA 4 - Contacts close on liquid rise	798.22
9036	DR31			NEMA 7 & 9 - Contacts close on liquid rise	766.68



ACCESSORIES

9049	A54			Mounting Bracket - 9036GG	58.02
9049	A58			Form R Lever - 9036DG	11.04
9049	A13			Compensating Spring - 9036GG	28.08
9049	A6C			7" Center Hole #304 S.S. Float, 5' Brass Rod, 4 Stops	362.64
9049	A6CA			7" Center Hole #304 S.S. Float, 5' Alum Rod, 4 Stops	388.04
9049	A6CS			7" Center Hole #316 S.S. Float, 5' S.S. Rod, 4 S.S. Stops	867.77
9049	A6			7" Tapped at top #304 S.S. Float, 5' Brass Rod, 2 Stops	309.96
9049	A6A			7" Tapped at top #304 S.S Float, 5' Alum Rod, 2 Stops	323.92
9049	T1			2-1/2" Brass Rod and Connector	71.00
9049	T1S			2-1/2" S.S. Rod and Connector	174.40
9998PC205				Replacement Contact Kits GG, GR, GW, except Forms H & R	53.12
9998PC242				Contact Kit, DG, DR, DW	38.28



Accessories are supplied separately. No assembly done by Boshart Industries Inc.

FLOAT SWITCHES - TYPES D, E - CLOSED TANK - CLASS 9037

INDIVIDUALLY BOXED

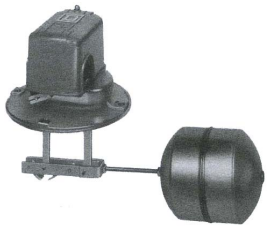
PART NUMBER CLASS	TYPE	CONNECTION / DESCRIPTION	LIST PRICE-A
9037	EG8	NEMA 1 - Contacts open / close on liquid rise	448.25
9037	EG9	NEMA 1 - Contacts open / close on liquid rise	448.25

ACCESSORIES

9049	EF1	#304 S.S. Float	65.52
9049	ER1	1 3/4" Stainless Steel Rod	27.24
9049	ER2	2-1/2" Stainless Steel Rod	27.24
9049	ER3	3-1/4" Stainless Steel Rod	27.24
9049	ER5	5-1/4" Stainless Steel Rod	27.24
9049	ER7	7-1/4" Stainless Steel Rod	27.24
9049	ER12	12-1/4" Stainless Steel Rod	27.24

E SERIES FLOAT & ROD SOLD SEPARATELY

TYPE EG



Accessories are supplied separately. No assembly done by Boshart Industries Inc.

ACCESSORIES

INDIVIDUALLY BOXED

PART NUMBER CLASS	TYPE	CONNECTION / DESCRIPTION	LIST PRICE-A
9049	AF1	7" Round Center Hole #304 S.S. Replacement Float	229.72
9049	GBR5	5" Brass Rod	27.24

FLOAT SWITCHES - TYPES H - CLOSED TANK - CLASS 9037

INDIVIDUALLY BOXED

PART NUMBER CLASS	TYPE	FORM	CONNECTION / DESCRIPTION	LIST PRICE-A
9037	HG30		NEMA 1 - Contacts close on liquid rise	325.39
9037	HG31		NEMA 1 - Contacts close on liquid rise	325.39
9037	HG31	R	NEMA 1 - Contacts open on liquid rise	325.39
9037	HG32		NEMA 1 - Contacts close on liquid rise	325.39
9037	HG33		NEMA 1 - Contacts close on liquid rise	325.39
9037	HG33	R	NEMA 1 - Contacts open on liquid rise	325.39
9037	HG34		NEMA 1 - Contacts close on liquid rise	325.39
9037	HG35		NEMA 1 - Contacts close on liquid rise	325.39
9037	HG36		NEMA 1 - Contacts close on liquid rise	325.39
9037	HG37		NEMA 1 - Contacts close on liquid rise	325.39
9037	HG38		NEMA 1 - Contacts close on liquid rise	325.39
9037	HR33		NEMA 7 & 9 - Contacts close on liquid rise	977.17
9037	HW33		NEMA 4 - Contacts close on liquid rise	1008.40

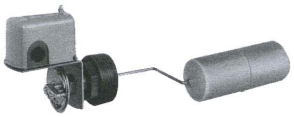
ACCESSORIES

9049	HF3	#304 Stainless Steel Float	71.00
9049	HF4	#316 Stainless Steel Float	223.24
9998	PC242	Contact Kit, All HG, HW, HR 30 Through 39	38.28

9037 TYPE H SERIES

COMPLETE WITH #304

S.S. FLOAT and ROD



Accessories are supplied separately. No assembly done by Boshart Industries Inc.

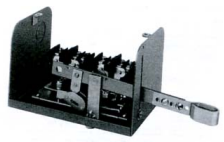
BOSHART INDUSTRIES

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

MECHANICAL ALTERNATORS - TYPES A - OPEN TANK - CLASS 9038

INDIVIDUALLY BOXED

PART NUMBER CLASS	TYPE	CODE	CONNECTION / DESCRIPTION	LIST PRICE-A
9038	AG1		NEMA 1 - Float Operated Alternator	413.02
9038	AW1		NEMA 4 - Float Operated Alternator	1456.91
9038	AG1N5		NEMA 1 - Float Operated Alternator with high water alarm circuit	680.76
ACCESSORIES				
9049	A6		7" Tapped at top #304 S.S. Float, 5' Brass Rod, 2 Stops	309.96
9049	A6A		7" Tapped at top #304 S.S Float, 5' Alum Rod, 2 Stops	323.92
9049	A6C		7" Center Hole #304 S.S. Float, 5' Brass Rod, 4 Stops	362.64
9049	A6CA		7" Center Hole #304 S.S. Float, 5' Alum Rod, 4 Stops	388.04
9049	A6CS		7" Center Hole #316 S.S. Float, 5' S.S. Rod, 4 S.S. Stops	867.77
9049	UMS1		Universal Mounting Bracket	92.83
9049	A15		Compensating Spring	81.60

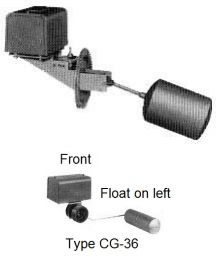


Accessories are supplied separately. No assembly done by Boshart Industries Inc.

MECHANICAL ALTERNATORS - TYPES B & C - CLOSED TANK - CLASS 9038

INDIVIDUALLY BOXED

PART NUMBER CLASS	TYPE	CODE	CONNECTION / DESCRIPTION	LIST PRICE-A
9038	CG	31	NEMA 1 - 2 1/2" MPT Conn. Float to right*	878.16
9038	CG	32	NEMA 1 - 2 1/2" MPT Conn. Float to left*	878.16
9038	CG	36	NEMA 1 - 2 1/2" MPT Conn. Float to left*	878.16
*Complete with Rod and Float				
ACCESSORIES				
9049	HF3		#304 Stainless Steel Float - Type C & D	71.00
9049	HF4		#316 Stainless Steel Float - Type C & D	223.24
9049	GBR5		5" Brass Rod	27.24

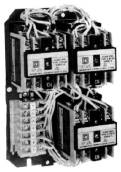


For Type B Only: Accessories are supplied separately. No assembly done by Boshart Industries Inc.

ELECTRIC ALTERNATORS - CLASS 9039 - TYPE X

PRICE ON REQUEST

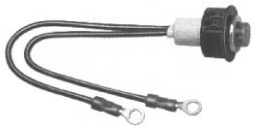
Class 9039 alternators are used with two separately enclosed motor starters to alternate the operation of the pump motors of a duplex pump installation.



PRESSURE SWITCH INDICATOR LIGHT

PART NO.	DESCRIPTION	LIST PRICE-A
FSG-PL	Pressure Switch Indicator Light	36.09

This pump light can be used with two or three wire motors in either 115 volt or 230 volt applications. It is easy to install at the pressure switch, where it is used to indicate that the pump is running or at the control box, where it is used to indicate that current is available to the submersible pump.



BII STANDARD DUTY - SMALL WATER PUMP SWITCHES - PS02 SERIES

Standard water pump switch designed for the control of electrically driven water pumps of all types (Jets, Submersible, Reciprocating, etc.)

- Temperature Ambient: Min. -30°C(-22°F) Max. 70°C(158°F)
- Temperature Media: Min. -30°C(-22°F) Max. 125°C(257°F)
- Standard action - contacts open on rising pressure
- Enclosure - Type 1 Indoor use
- Individually Boxed • UL Approved • CSA approved

Pb NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

PART NO.	PRESSURE SETTING	CONNECTION/DESCRIPTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PS02-2040	20 - 40	1/4" FPT - Standard Duty Switch	20		19.52
PS02-3050	30 - 50	1/4" FPT - Standard Duty Switch	20		19.52
PS02-4060	40 - 60	1/4" FPT - Standard Duty Switch	20		19.52
PS02AO-3050	30 - 50	1/4" FPT Auto/Manual Off	20		21.19
PS02AO-4060	40 - 60	1/4" FPT Auto/Manual Off	20		21.19
PS02LP-2040	20 - 40	1/4" FPT - Low Level Cut Off Switch	20		21.19
PS02LP-3050	30 - 50	1/4" FPT - Low Level Cut Off Switch	20		21.19
PS02LP-4060	40 - 60	1/4" FPT - Low Level Cut Off Switch	20		21.19
PS02B-3050	30 - 50	1/4" Barb Connection	20		19.52
PS02M-3050	30 - 50	1/4" MPT - Standard Duty Switch	20		19.68
PS02M-4060	40 - 60	1/4" MPT - Standard Duty Switch	20		19.68
PS02P-3050	30 - 50	1/4" FPT w/Pulsation Plug	20		21.91
PS02P-4060	40 - 60	1/4" FPT w/Pulsation Plug	20		21.91
PS02-PP		PULSATION PLUG (FOR 1/4" FPT)	10	1000	0.11

Model No	Pressure Range/Rating (PSI)				Horsepower (HP)	
	Cut-In	Differential	Cut-Out	Max Allowable	Single Phase 115V	Single Phase 230V
PS02	5-45	15-30	20-65	220	1.5	2

PRESSURE SENSORS / TRANSDUCERS - FOR PUMP APPLICATIONS

APPLICATIONS:

The new range of OsiSense®90-XMLK pressure sensors provides a high degree of accuracy for controlling water pressure in constant pressure pumping applications. 90-XMLK sensors help to optimize motor efficiency and reduce the energy consumption of pumps.

FEATURES / CONSTRUCTION / RATINGS:

- Available in two analog outputs, 4-20 mA or 0-10 V
- Max permissible accidental pressure is 2X rated pressure
- Operating Temperature: 32°F to 176°F (0°C to 80°C)
- M12 electrical connection (connectors sold separately)
- UL and CSA listed
- Available in four pressure ranges, 0-100, 150, 200 or 300 psi
- Response time: <2 ms Accuracy: +/- 0.3% of the measuring range
- 1/4" MPT fluid connection, 303 Stainless Steel
- Nitrile Buna Rubber (NBR) seal and Ceramic measuring cell

PRESSURE SENSORS

PART NO.	RANGE PSI	CONNECTION/DESCRIPTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
90-XMLK100P2D23	0-100	1/4" MPT, 4-20 mA Output			247.95
90-XMLK150P2D23	0-150	1/4" MPT, 4-20 mA Output			247.95
90-XMLK200P2D23	0-200	1/4" MPT, 4-20 mA Output			247.95
90-XMLK300P2D23	0-300	1/4" MPT, 4-20 mA Output			247.95
90-XMLK100P2D73	0-100	1/4" MPT, 0-10 V Output			247.95
90-XMLK150P2D73	0-150	1/4" MPT, 0-10 V Output			247.95
90-XMLK200P2D73	0-200	1/4" MPT, 0-10 V Output			247.95
90-XMLK300P2D73	0-300	1/4" MPT, 0-10 V Output			247.95

SCREW TERMINAL CONNECTOR

- Allows for wiring long runs of sensor cable directly to connector without any splices!

PART NO.	CONNECTION	LIST PRICE-A
90-XZCC12FCM40B	M12, ELBOW	46.30

PRE-WIRED CONNECTORS

PART NO.	CONNECTION	LENGTH	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
90-XZCP1141L2	M12, STRAIGHT	2 m (6.56 ft)			89.47
90-XZCP1141L5	M12, STRAIGHT	5 m (16.40 ft)			115.90
90-XZCP1141L10	M12, STRAIGHT	10 m (32.80 ft)			158.55
90-XZCP1241L2	M12, ELBOW	2 m (6.56 ft)			89.47
90-XZCP1241L5	M12, ELBOW	5 m (16.40 ft)			115.90
90-XZCP1241L10	M12, ELBOW	10 m (32.80 ft)			158.61

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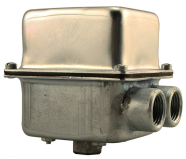
NO LEAD LEAD-FREE

HUBBELL BRAND CLASS 69ES PRESSURE SWITCH - WATER SYSTEM

PART NUMBER CLASS	TYPE	FORM	CODE	PRES SETTING CLOSE-OPEN	CONNECTION / DESCRIPTION	QTY CTN	LIST PRICE-A
69	ES1		Z3050	30 - 50	1/4" FPT - General Purpose		94.70
69	ES1		Z4060	40 - 60	1/4" FPT - General Purpose		94.68

HUBBELL BRAND CLASS 69W HEAVY DUTY PRESSURE SWITCH - WATER SYSTEM

PART NUMBER CLASS	TYPE	FORM	CODE	PRES SETTING CLOSE-OPEN	CONNECTION / DESCRIPTION	LIST PRICE-A
69	WB5		Z3050	30 - 50	1/4" FPT-NEMA 1 Water Sys Switch	107.31
69	WB3		Z510	5 - 10	1/4" FPT-NEMA 1 Water Sys Switch	116.82
69	WB2		Z37	3 - 7	1/4" FPT-NEMA 1 Water Sys Switch	116.82
69	WB5W		Z3050	30 - 50	1/4" FPT-NEMA 3 Weather Proof	315.63
69	WB5W		Z4060	40 - 60	1/4" FPT-NEMA 3 Weather Proof	315.65
LOW PRESSURE						
69	WEC		Z3050	30 - 50	1/4" FPT-NEMA 1-Gard All	113.64
69	WFC		Z2040	20 - 40	1/4" FPT-NEMA 1-Gard All	142.06

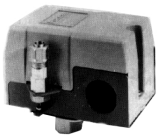


HUBBELL BRAND CLASS 69 SPECIAL APPLICATION PRESSURE SWITCH - WATER/AIR SYSTEMS

PART NUMBER CLASS	TYPE	FORM	CODE	PRES SETTING CLOSE-OPEN	CONNECTION / DESCRIPTION	LIST PRICE-A
69	WR7		Z12595	125 - 95	1/4" FPT-NEMA 1-Reverse Action	145.19
69	WR6		Z10075	100 - 75	1/4" FPT-NEMA 1-Reverse Action	119.94
69	WR5		Z5030	50 - 30	1/4" FPT-NEMA 1-Reverse Action	145.19
69	WR5L		Z5030	50 - 30	1/4" FPT Reverse Action Auto Off	145.20
69	WR3		Z105	10 - 5	1/4" FPT-NEMA 1-Reverse Action	145.19
69	WR2		Z73	7 - 3	1/4" FPT-NEMA 1-Reverse Action	145.19
69	WC7		Z12	12	1/4" FPT-NEMA 1-Gard-It	107.31
69	WH6		Z80	80	1/4" FPT-NEMA 1-Hi-Gard	97.87

HUBBELL BRAND CLASS 69J PRESSURE SWITCH - AIR SYSTEM

PART NUMBER CLASS	TYPE	FORM	CODE	PRES SETTING CLOSE-OPEN	CONNECTION / DESCRIPTION	LIST PRICE-A
69	JF6		Z80100	80 - 100	1/4" FPT-NEMA 1 - General Purpose	80.47
69	JF6	L	Z80100	80 - 100	1/4" FPT-NEMA 1 - Lever	85.42
69	JF6	LY	Z80100	80 - 100	1/4" FPT-NEMA 1 - Lever & Unloader	101.01
69	JF6	Y	Z80100	80 - 100	1/4" FPT-NEMA 1 - Unloader Valve	94.70
69	JG6		Z80100	80 - 100	1/4" FPT-NEMA 1 - General Purpose	85.25
69	JG6	Y	Z80100	80 - 100	1/4" FPT-NEMA 1 - Unloader Valve	105.75
69	JF7		Z95125	95 - 125	1/4" FPT-NEMA 1 - General Purpose	80.47
69	JF7	L	Z95125	95 - 125	1/4" FPT-NEMA 1 - Lever	85.26
69	JF7	LY	Z95125	95 - 125	1/4" FPT-NEMA 1 - Lever & Unloader	101.01
69	JF7	Y	Z95125	95 - 125	1/4" FPT-NEMA 1 - Unloader valve	97.88
69	JG7		Z95125	95 - 125	1/4" FPT-NEMA 1 - General Purpose	85.25
69	JG7	L	Z95125	95 - 125	1/4" FPT-NEMA 1 - Lever	91.57
69	JG7	LY	Z95125	95 - 125	1/4" FPT-NEMA 1 - Lever & Unloader	108.90
69	JG7	Y	Z95125	95 - 125	1/4" FPT-NEMA 1 - Unloader Valve	105.73
69	JF8		Z115150	115 - 150	1/4" FPT-NEMA 1 - General Purpose	80.47
69	JF8	L	Z115150	115 - 150	1/4" FPT-NEMA 1 - Lever	86.79
69	JF8	LY	Z115150	115 - 150	1/4" FPT-NEMA 1 - Lever & Unloader	101.01
69	JF8	Y	Z115150	115 - 150	1/4" FPT-NEMA 1 - Unloader Valve	97.88
69	JG8		Z115150	115 - 150	1/4" FPT-NEMA 1 - General Purpose	91.56
69	JG8	L	Z115150	115 - 150	1/4" FPT-NEMA 1 - Lever	97.89
69	JG8	LY	Z115150	115 - 150	1/4" FPT-NEMA 1 - Lever & Unloader	108.90
69	JG8	Y	Z115150	115 - 150	1/4" FPT-NEMA 1 - Unloader Valve	105.73



HUBBELL BRAND CLASS 69H HEAVY DUTY PRESSURE SWITCH - AIR SYSTEM

PART NUMBER CLASS	TYPE	FORM	CODE	PRES SETTING CLOSE-OPEN	CONNECTION / DESCRIPTION	LIST PRICE-A
69	HA1		Z115150	115 - 150	3/8" FPT NEMA 1 - General Purpose	373.74
69	HAU1		Z115150	115 - 150	3/8" FPT NEMA 1 - with Unloader Valve	378.78
69	HA2		Z100125	100 - 125	3/8" FPT NEMA 1 - General Purpose	380.08
69	HAU2		Z100125	100 - 125	3/8" FPT NEMA 1 - with Unloader Valve	380.08
69	HAU3		Z3040	30 - 40	3/8" FPT NEMA 1 - with Unloader Valve	361.07
69	HBU1		Z115150	115 - 150	3/8" FPT NEMA 1 - with Unloader Valve	380.08

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SECTION 7
RELIEF VALVES, FLOAT VALVES & ACCESS., AIR VOLUME CONTROLS, FLOW CONTROLS

PRODUCT LINE **PAGE**

Relief Valves 1
- No Lead Brass
- **Stainless Steel**
- PVC

Snifter Valves 2

Bleeder Orifices 2

Float Valves 3

Plug Adapters 4

Float Rods 4

Floats 4
- **Stainless Steel**
- Copper
- Plastic
- Black Economy Plastic

Float Valve Parts 5

Air Volume Controls 6
- Shallow Well
- Deep Well

Brady Air Volume Controls 7

Brady A.V.C. Installation Kit 7

Flow Controls 8

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June 24/19

NO LEAD BRASS RELIEF VALVES (NON-ADJUSTABLE)

Pressure relief valves are recommended for all cold water system installations - to protect against damage to piping and pressure tanks. Set at 75 PSI or 100 PSI, (±) 15% setting accuracy, field adjustments are not recommended.
These valves are not T & P valves that are required with water heaters.
• Brass body • Stainless steel spring and retaining screw • Buna N sealing disc

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

PART NO.	SIZE		FACTORY	QUANTITY		LIST
BRASS	IN	OUT	PRE-SET	CTN	CASE	PRICE-A
RVNB05-075NL	1/2" MPT	1/2" FPT	75 PSI	10	100	12.37
RVNB07-075NL	3/4" MPT	1/2" FPT	75 PSI	10	100	13.36
RVNB05-100NL	1/2" MPT	1/2" FPT	100 PSI	10	100	12.37
RVNB07-100NL	3/4" MPT	1/2" FPT	100 PSI	10	100	13.36

Max. Operating Temp. 140°F (60°)

#304 STAINLESS STEEL RELIEF VALVES (NON-ADJUSTABLE)

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

Pressure relief valves are recommended for all cold water system installations - to protect against damage to piping and pressure tanks. Set at 75 PSI, (±) 15% setting accuracy, field adjustments are not recommended.

PART NO.	SIZE IN	SIZE OUT	FACTORY PRE-SET	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
SSRVN05-075	1/2" MPT	1/2" FPT	75 PSI	10	100	**20.42**
SSRVN07-075	3/4" MPT	1/2" FPT	75 PSI	10	100	**21.90**
SSRVN05-100	1/2" MPT	1/2" FPT	100 PSI	10	100	**20.42**
SSRVN07-100	3/4" MPT	1/2" FPT	100 PSI	10	100	**21.90**

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

PVC RELIEF VALVES

Pressure relief valves are recommended for all cold water system installations - to protect against damage to piping and pressure tanks. Set at 75 PSI, (±) 15% setting accuracy, field adjustments are not recommended.
• PVC material
• Designed for low maintenance
• Factory Preset to 75 PSI (Adjustable to 150 PSI)
• High quality Stainless Steel spring

NO LEAD LEAD-FREE

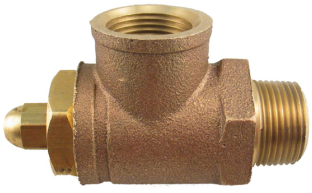
PART NO.	SIZE	FACTORY PRE-SET	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PVCRVN05-75150	1/2"	75 PSI	20	120	**12.61**

NO LEAD HEAVY DUTY RELIEF VALVES

Pressure relief valves are recommended for all cold water system installations - to protect against damage to piping and pressure tanks. Accuracy ± 15% of factory preset PSI. Field adjustments are not recommended.
These valves are not T & P valves that are required with water heaters.
• Heavy duty cast brass body • Stainless steel spring

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

PART NO.	SIZE IN	SIZE OUT	FACTORY PRE-SET	RANGE PSI MIN.	RANGE PSI MAX.	QTY	LIST PRICE-A
RVHD05NL	1/2" MPT	1/2" FPT	75 PSI	10	150	50	114.82
RVHD07NL	3/4" MPT	3/4" FPT	75 PSI	10	100	25	129.89
RVHD10NL	1" MPT	3/4" FPT	75 PSI	50	200	20	216.91
RVHD12NL	1-1/4" MPT	1-1/4" FPT	65 PSI	50	200	10	367.81
RVHD15NL	1-1/2" FPT	1-1/2" FPT	65 PSI	60	100		1073.23
RVHD20NL	2" FPT	2" FPT	65 PSI	60	100		1097.62



Max. Operating Temp. 140°F (60°)

NOTE: Valves will be sold at factory pre-set PSI only. While field adjustments are not recommended we have included the approximate range information shown above which has been provided by the manufacturer(s). However, **any changes made to the pre-set pressure is entirely at the risk of the person(s) / company who make the adjustment**. Any changes made should be thoroughly tested for accuracy at time of installation. **Neither the manufacturer or Boshart Industries Inc. will assume any liability or responsibility caused as a result of adjusting the relief valve setting. If the pressure setting is adjusted, it will void any warranty or return of the product.** Relief valves must be installed so that they drain to a floor drain, sump or other safe location with an air break. If an outlet pipe is used then it must be at least the same diameter as the relief valve outlet. **Cold water use only.**

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NO LEAD SNIFTER (AIR / TANK) VALVES

PART NO.	DESCRIPTION	WORKING PRESSURE	WORKING TEMP. (°F)	OPENING PRESSURE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
SV-0-NCS	1/8" MPT Snifter Valve Assembled with "Springless" valve core & vented cap *	15-150 PSI	-10° To +165°	3 PSI	10	100	5.41
SV-0NL	1/8" MPT Snifter Valve SV-0NL manufactured with light spring required for shallow well pump and bleeder systems	15-150 PSI	-10° To +165°	3 PSI	10	100	3.61
SV-0-SC-VC	1/8" MPT Snifter Valve Assembled with light (soft core) spring & vented cap	15-150 PSI	-10° To +165°	3 PSI	10	100	4.95
SV-1-NCS	1/4" MPT Tank Valve Assembled with "Springless" valve core & vented cap *	15-150 PSI	-10° To +165°	3 PSI	10	100	6.45
SV-1NL	1/4" MPT Tank Valve General Purpose	0-200 PSI Peak of 300	-40° To +225°	60 PSI	10	100	4.35
SV-1-SC-VC	1/4" MPT Snifter Valve Assembled with light (soft core) spring & vented cap	15-150 PSI	-10° To +165°	3 PSI	10	100	5.89
SV-CAP-M	Chrome plated steel cap c/w rubber seal & valve core driver feature				10	100	1.32/cap
SV-CAP	Black Flexible Plastic Cap - has no sealing unit				10	100	0.17/cap

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

Valves must be ordered in multiples of 10.

* Vented Cap similar to SV-CAP-M but without rubber seal - allows air to vent through open orifice

BLEEDER ORIFICES

- BOB07NL - 3/4" MPT No Lead Brass
- Will not corrode or stick
- Rapid opening and closing valve for submersible pumps
- Complete closure prevents loss of pumping volume

PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BOB07NL	48	384	10.73

- BOR10 - 1" MPT rubber
- Non-corrosive bleeder
- Fast bleed through its large opening

NO LEAD LEAD-FREE

PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
BOR10	50	600	2.89

NO LEAD BRASS BULKHEAD FLOAT VALVES - THREADED OUTLET

- Heavy duty body c/w Buna-N disc
- Rubber bulkhead gasket/brass nut
- Maximum operating temperature rating 180°F (82°C)
- Maximum operating pressure rating 125 PSI

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

PART NO.	DESCRIPTION INLET	OUTLET	ROD CONN. TAPPED	QUANTITY CTN	CASE	LIST PRICE-A
28-BHFV-05NL	1/2" SMT x 3/8" FPT	1/2" MPT	1/4" - 20 SAE	10	100	28.08
28-BHFV-07NL	3/4" SMT x 1/2" FPT	3/4" MPT	1/4" - 20 SAE	10	80	31.86

SMT = Straight Male Thread

NO LEAD BRASS FLOAT VALVES - THREADED OUTLET

- Heavy duty body c/w Buna-N disc
- Maximum operating temperature rating 180°F (82°C)
- Maximum operating pressure rating 125 PSI

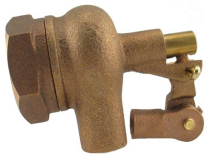
PART NO.	SIZE	INLET	OUTLET	ROD CONN. TAPPED	QUANTITY CTN	CASE	SHIPPING WGT LBS	LIST PRICE-A
28-BFV-03NL	3/8"	3/8" MPT	3/8" MPT	1/4" - 20 SAE	10	100	0.66	22.62
28-BFV-05NL	1/2"	1/2" MPT	1/2" MPT	1/4" - 20 SAE	10	100	0.74	22.02
28-BFV-07NL	3/4"	3/4" MPT	3/4" MPT	1/4" - 20 SAE	10	80	0.96	25.31
28-BFV-10NL	1"	1" MPT	1" MPT	1/4" - 20 SAE	10	40	1.38	39.47

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

NO LEAD BRASS FLOAT VALVES - FAUCET OUTLET

- Heavy duty body c/w Buna-N disc
- Maximum operating temperature rating 180°F (82°C)
- Maximum operating pressure rating 125 PSI

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372



PART NO.	SIZE	INLET	OUTLET	ROD CONN. TAPPED	QUANTITY CTN	CASE	SHIPPING WGT LBS	LIST PRICE-A
28-BFV-12NL	1-1/4"	1-1/4" FPT	Faucet	3/8" - 16 SAE	20		3.10	101.07
28-BFV-15NL	1-1/2"	1-1/2" FPT	Faucet	3/8" - 16 SAE	20		3.24	96.57
28-BFV-20NL	2"	2" FPT	Faucet	3/8" - 16 SAE	20		3.44	107.40

NOTE: A 8" diameter float with a 12" rod is the minimum size recommended for use with 1 1/4" to 2" float valves.

PVC FLOAT VALVES

These heavy duty PVC Float Valves provide a low cost alternative for costly stainless steel or other metal float valves. They are ideal for automatic tank filling applications. The most common use of a float valve is to control the filling of livestock water tanks and water tower cooling tanks as well as many other automatic tank filling applications.

FEATURES:

- Heavy Duty PVC body will never corrode or rust.
- Corrosion resistant stainless steel bolt, wing nut and fulcrum pin.
- Replaceable seals are easily changed, and designed for long life.
  - Disc Seal: 1/2" thru 1" PVC Domed Cap Seal
    1-1/4" thru 1-1/2" NBR Domed Cap Seal
  - Piston Seal: 1/2" & 3/4" NBR O-Ring Seal
    1" thru 1-1/2" NBR Cup Seal
- Easy adjustable angle for liquid level control.
- Dual fulcrum pin holes allow for two positions to set the lever to accommodate different pressures and flow rates.
- Maximum operating pressure rating 100 psi.

NO LEAD LEAD-FREE

PART NO.	SIZE	INLET	OUTLET	ROD CONN. TAPPED	PORT SIZE	QUANTITY CTN	CASE	LIST PRICE-A
28-PFV-05	1/2"	1/2" MPT	1/2" MPT	1/4" - SAE	0.50"	24	192	11.10
28-PFV-07	3/4"	3/4" MPT	3/4" MPT	1/4" - SAE	0.50"	12	144	12.55
28-PFV-10	1"	1" MPT	1" MPT	1/4" - SAE	0.75"	10	80	21.46
28-PFV-12	1-1/4"	1-1/4" MPT	1-1/4" MPT	3/8" - SAE	1.21"	28		68.38
28-PFV-15	1-1/2"	1-1/2" MPT	1-1/2" MPT	3/8" - SAE	1.21"	40		61.10

A complete line of plastic, copper and stainless steel floats and brass and stainless steel float rods are available in a wide range of sizes to accommodate all of your installation needs (sold separately).

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PLUG ADAPTERS

PART NO.	DESCRIPTION	LIST PRICE-A
28-BFVA-R434-0	1/4" - 20 SAE FEMALE X 3/8" MPT BRASS Adapts 1/4" rod (3/8" thru 1" valves) to 3/8" MPT (8" floats)	17.24
28-BFVA-R434-11	3/8" - 16 SAE FEMALE X 3/8" MPT BRASS Adapts 3/8" rod (1 1/4" thru 2" valves) to 3/8" MPT (8" floats)	17.54
28-BFVA-R435-5	3/8" - 16 SAE FEMALE X 1/4" - 20 SAE MALE Adapts 3/8" rod (1 1/4" thru 2" valves) to 1/4" rod (6" & smaller floats)	43.47

FLOAT RODS

NO LEAD LEAD-FREE

PART NO.	LIST PRICE-A	THREAD SIZE	LENGTH	FITS VALVE
28-BFVRSS-045	3.00	1/4 - 20 SAE x 1/4 - 20 SAE	4.5"	Use to connect 3/8" thru 1" float valves with float balls up to and including 6" diameter
28-BFVRSS-06	3.46	1/4 - 20 SAE x 1/4 - 20 SAE	6"	
28-BFVRSS-08	3.80	1/4 - 20 SAE x 1/4 - 20 SAE	8"	
28-BFVRSS-10	4.24	1/4 - 20 SAE x 1/4 - 20 SAE	10"	
28-BFVRSS-12	4.76	1/4 - 20 SAE x 1/4 - 20 SAE	12"	
28-BFVRSS3814-10	12.66	3/8 - 16 SAE x 1/4 - 20 SAE	10"	Use to connect 3/8" thru 1" float valves with 8" or larger float balls. Or 1 1/4" thru 2" float valves with 6" or smaller float balls.
28-BFVRSS3814-12	9.12	3/8 - 16 SAE x 1/4 - 20 SAE	12"	
28-BFVRSS3814-14	9.65	3/8 - 16 SAE x 1/4 - 20 SAE	14"	
28-BFVRSS3814-16	16.24	3/8 - 16 SAE x 1/4 - 20 SAE	16"	
28-BFVRSS38-10	7.28	3/8 - 16 SAE x 3/8 - 16 SAE	10"	Use to connect 1 1/4" thru 2" float valves with 8" diameter and larger float balls.
28-BFVRSS38-12	8.87	3/8 - 16 SAE x 3/8 - 16 SAE	12"	
28-BFVRSS38-14	9.39	3/8 - 16 SAE x 3/8 - 16 SAE	14"	
28-BFVRSS38-16	10.46	3/8 - 16 SAE x 3/8 - 16 SAE	16"	

Male SAE x Male SAE threads

STAINLESS STEEL FLOATS

- AISI 304 Stainless Steel
- Suitable for use in corrosive fluids where high pressure or extreme temperatures may exist

PART NO.	FLOAT DIAMETER	BUOYANCY IN LBS	FEMALE SPUD CONNECTION	WEIGHT LBS	LIST PRICE-A
28-BFVF-S3	3"	0.21	1/4 - 20 SAE	0.19	82.40
28-BFVF-S4	4"	0.65	1/4 - 20 SAE	0.44	126.18
28-BFVF-S5	5"	1.55	1/4 - 20 SAE	0.81	164.81
28-BFVF-S6	6"	2.15	1/4 - 20 SAE	1.19	249.27
28-BFVF-S8	8"	6.50	3/8 - 16 SAE	1.81	350.22

NO LEAD LEAD-FREE

COPPER FLOATS

- Two float halves soldered together using an inside lapping joint
- For open tank service only

PART NO.	FLOAT DIAMETER	BUOYANCY IN LBS	FEMALE SPUD CONNECTION	WEIGHT LBS	LIST PRICE-A
28-BFVF-C3	3"	0.34	1/4 - 20 SAE	0.19	78.14
28-BFVF-C4	4"	0.80	1/4 - 20 SAE	0.38	62.90
28-BFVF-C5	5"	1.73	1/4 - 20 SAE	0.56	87.23
28-BFVF-C6	6"	3.26	1/4 - 20 SAE	0.69	109.95
28-BFVF-C8	8"	8.03	3/8" FPT	1.94	398.28

Note: It is not recommended to use less than an 8" diameter float with 1 1/4" to 2" valves. Due to a lack of buoyancy - 6" & smaller floats can be used where inlet pressure is very low.

PLASTIC FLOATS

- Polypropylene
- Lightweight
- For open tank service only
- Corrosion resistant
- Up to 175°F (79°C)

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

PART NO.	FLOAT DIAMETER	BUOYANCY LBS / CU.FT	FEMALE SPUD CONNECTION	WEIGHT LBS	LIST PRICE-A
28-BFVF-P5 *	5"	1.2	1/4 - 20 SAE	0.18	10.11
28-BFVF-P6 *	6"	3.4	1/4 - 20 SAE	0.29	33.15
28-BFVF-P8 *	8"	8.4	1/4 - 20 SAE	1.00	47.92

* Float rod connection is not factory threaded, the smooth hole is designed for easy self-tapping by threading the metal float rod into the blind hole.

BLACK ECONOMY PLASTIC FLOATS

- Polyethylene
- Good impact resistance
- Excellent corrosive resistance
- Good abrasive resistance
- Up to 150°F (65°C)

NO LEAD LEAD-FREE

PART NO.	DESCRIPTION	FEMALE SPUD CONNECTION	LIST PRICE-A
28-BFVF-PL4.5 *	4.5" Black Plastic Float	1/4" - 20 SAE Female	2.09
28-BFVF-PL5 *	5" Black Plastic Float	1/4" - 20 SAE Female	2.30
28-BFVF-PL6 *	6" Black Plastic Float	1/4" - 20 SAE Female	5.03
28-BFVF-PL8 ◇	8" Black Plastic Float	3/8" - 16 SAE Female	17.20
28-BFVF-PL10 ◇	10" Black Plastic Float	3/8" - 16 SAE Female	28.10

4.5" Black Plastic Float

NOTE: These units should not be used in applications that require them to be fully submersed. For those applications, use Series 28-BFVF-P.

* Float rod connection is not factory threaded, the smooth hole is designed for easy self-tapping by threading the metal float rod into the blind hole.

◇ Floats have a threaded brass insert rod connection

FLOAT VALVE PARTS

LEVER ASSEMBLY PART NO.	LIST PRICE-A	PLUNGER ASSEMBLY PART NO.	LIST PRICE-A	REPL. SEAL KIT PART NO.	LIST PRICE-A
28-BFVP-LA0310 (For 3/8" - 1" Float Valve)	21.82	28-BFVP-PA0305 (For 3/8" - 1/2" Float Valve)	9.23	28-BFVP-SK0305 (For 3/8" - 1/2" Float Valve)	0.62
		28-BFVP-PA07 (For 3/4" Float Valve)	14.78	28-BFVP-SK07 (For 3/4" Float Valve)	0.69
		28-BFVP-PA10 (For 1" Float Valve)	19.35	28-BFVP-SK10 (For 1" Float Valve)	1.20
28-BFVP-LA1220 (For 1 1/4" - 2" Float Valve)	22.64	28-BFVP-PA1220 (For 1 1/4" - 2" Float Valve)	37.30	28-BFVP-SK1220 (For 1 1/4" - 2" Float Valve)	0.93

3/8" To 1"

1 1/4" To 2"

3/8" & 1/2"

3/4" & 1"

1 1/4" To 2"

PLASTIC JET PUMP AIR CONTROL

- Air volume control for jet systems that cures waterlogged tanks
- Positive action control - Simple in construction
- No flexing diaphragm or metal springs
- Will operate on as little as 5" of vacuum
- Molded from space age technology plastics - cannot corrode in moist environment
- Fits all size tanks up to and including 82 gallon - may be easily manifolded for larger size tanks

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

PART NO.	DESCRIPTION	CASE QTY	LIST PRICE-A
AVC-P	Air Control	25	19.62
AVC-PK	Air Control Installation Package Contains: • 4 ft. Poly Tubing • (2) 1/4" MIP x 1/4" Barb Brass Adapters		13.24
AVC-PKC	Air Control Package Contains: • Air Control and Installation Package		26.73

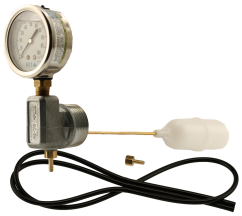
AVC-P

AIR VOLUME CONTROLS

SHALLOW WELL CONTROL

- Comes complete with 48" of 1/4" poly tubing and brass mini barb adapters
- Housing is tapped with a 1/4" FPT pressure gauge port

PART NO.	MANUFACTURER	TANK CONN.	WEIGHT LBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
• Zinc die-cast housing with sealed plastic float mounted on solid brass rod						
AVC-SW	BOSHART INDUSTRIES	1-1/4" MPT	1.0	50		29.33
AVC-L	AMETEK	1-1/4" MPT	1.0	20		86.00



AVC-SW

AVC-L

NOTE: GAUGE IS SOLD SEPARATELY

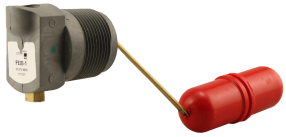
NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

DEEP WELL AIR RELEASE

- Housing is tapped with a 1/4" FPT pressure gauge port

PART NO.	MANUFACTURER	TANK CONN.	WEIGHT LBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
• Durable plastic housing with sealed plastic float, stainless steel rod and hardware						
AVC-DWP	BOSHART INDUSTRIES	1-1/4" MPT	0.4	50		24.86
• Durable plastic housing with sealed plastic float and brass rod						
AVC-PENN-WJ	PENN	1-1/4" MPT	0.4	50		49.35

AVC-DWP



AVC-PENN-WJ

NOTE: GAUGE IS SOLD SEPARATELY

NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

DEEP WELL WITH ADJUSTABLE MINIMUM AIR RELEASE

- Minimum pressure air release valve is factory set @ 25psi, Adjustable range is 0 - 40psi
- Housing is tapped with a 1/4" FPT pressure gauge port

PART NO.	MANUFACTURER	TANK CONN.	WEIGHT LBS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
• Zinc die-cast housing with sealed plastic float, stainless steel rod and hardware						
AVC-DW-AR	BOSHART INDUSTRIES	1-1/4" MPT	1.0	50		34.28
• Zinc die-cast housing with sealed plastic float mounted and brass rod						
AVC-WJ	AMETEK	1-1/4" MPT	1.0	20		78.89
• All plastic construction						
AVC-AE10 *		1-1/4" MPT	1.0	50		34.11

AVC-DW-AR

AVC-WJ

AVC-AE10*

NOTE: GAUGE IS SOLD SEPARATELY

* NOT 3RD PARTY CERTIFIED TO NSF/ANSI 372

NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

USAGE RECOMMENDATIONS

PRESSURE SYSTEM RANGE

TANK SIZE		20-40 PSI	30-50 PSI	40-60 PSI
Thru	42 Gallons	AV30 / AVC45 / AV45	AV42 / AVC45 / AV45	AV42 / AVC45 / AV45
	70 Gallons	AV42 / AVC100 / AV100	AV80 / AVC100 / AV100	AV80 / AVC100 / AV100
	80 Gallons	AV100 / AVC100	AV100 / AVC100	AV100 / AVC100
	120 Gallons	AV80 / AVC100	AV120	AV120
		AV100 / AVC100	AV100 / AVC100	AV100 / AVC100
	220 Gallons	AV120	AV120	AV120

NON-REPAIRABLE AIR VOLUME CONTROL

- Ensure proper water pressure
- Maximum working pressure not to exceed 100 PSI
- Prolong pump life by reducing cycling frequency
- Zinc-electroplated steel construction

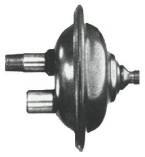
PART NO.	TANK CONNECTION	PUMP CONNECTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
AVC45	1/4" NMPT	1/4" Male Compression Thread	20		11.47
AVC100	3/8" NMPT	1/4" Male Compression Thread	20		11.47

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

BRADY NON-REPAIRABLE AIR VOLUME CONTROLS

- Maximum working pressure not to exceed 100 PSI
- Zinc-electroplated steel construction
- AV100 Incorporates a ball check valve so it can be universally used on tank sizes from 12 to 120 gallons and function properly with a minimum amount of vacuum or in areas where high water tables may be a problem
- AV45 Brass spring and orifice

PART NO.	TANK CONNECTION	PUMP CONNECTION	CASE QTY	LIST PRICE-A
AV45	1/4" MPT	1/4" Male Compression Thread		65.90
AV45F	1/4" MPT	1/8" Female Pipe Thread		67.82
AV100	3/8" MPT	1/4" Male Compression Thread		76.34
AV100F	3/8" MPT	1/8" Female Pipe Thread		84.74



NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

BRADY REPAIRABLE AIR VOLUME CONTROLS

- Maximum working pressure not to exceed 100 PSI
- Zinc-die cast construction
- Buna-N diaphragm
- Reduces cycling frequency
- Can be used on jet, centrifugal & rotary pumps

PART NO.	TANK CONNECTION	PUMP CONNECTION	CASE QTY	LIST PRICE-A
AV30	1/4" MPT	7/16" - 24 THD		86.23
AV42	1/4" FPT	1/4" FPT		117.67
AV80	1/4" FPT	1/4" FPT		112.11
AV120	1/4" FPT	1/4" FPT		158.06

AV30

Note that Brady has discontinued drilling and tapping this gauge port

AV42, 80 & 120 style

BRADY A.V.C. REPAIR KITS

Kit includes: diaphragm, springs, screws, nuts, ball and seal which are needed for a quick and simple repair job.

PART NO	LIST PRICE-A	PART NO	LIST PRICE-A
AV-30-3A	43.73	AV-80-3A	59.87
AV-42-3A	47.43	AV-120-3A	79.53

BRADY A.V.C. INSTALLATION KIT

- **KIT INCLUDES:**
  - (2) Fitting No. 75-1/8 1/4" Barb x 1/8" MPT Plastic Fitting
  - (2) Fitting No. 75-1/4 1/4" Barb x 1/4" MPT 90 Elbow Plastic Fitting
  - (1) Fitting No. 78E 1/4" Barb x 7/16" Compression Elbow Plastic Fitting
  - (1) 4' of Polyethylene Tubing 1/4" I.D. x 3/8" O.D.
- A fitting attaches to suction side of pump for air volume control use and to pressure side of pump for pressure switch use or the second fitting attaches to pump side of AV-42, AV-80 and AV-120 air volume controls for air volume control use. For pressure switch installation, it attaches to pressure switch and pressure side of pump.

PART NO.	QTY	LIST PRICE-A
AVC-UK1		42.90

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DOLE FLOW CONTROLS

- Self Cleaning
- Delivers a constant volume of water flow output over a wide pressure drop range
- Flexible orifice varies effective area inversely to the applied pressure
- At pressures below threshold point, flexible insert acts as a fixed orifice
- Above threshold point, insert begins to reduce orifice area maintaining desired flow output
- Flow rates maintained to within ±15% up to pressure drops of 125 psi
- Flow rate varies due to tolerances and water temperatures
- Used, where possible, in flow regulators with flow rates between 1 US GPM and 4 US GPM
- All flow regulators are recommended for potable water below 180°F

NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

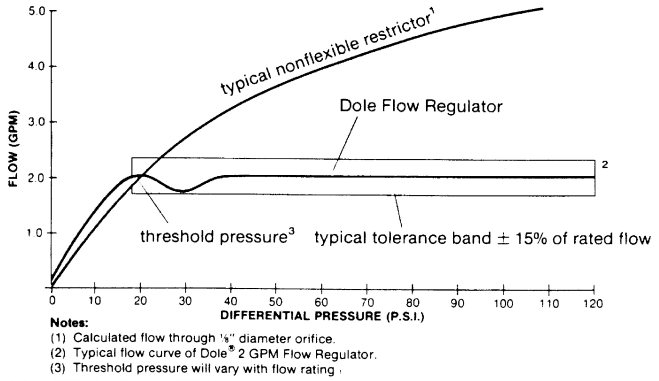
- Nickel Plated Brass Housing
- To order add Flow Rate to Part No. eg. FCGA-.35NL

PART NO.____	CONNECTION	HEX SIZE	LENGTH	AVAILABLE FLOW RATES	LIST PRICE-A
FCGA-____ NL	3/8 X 3/8 FPT	7/8"	1 3/4"	.125, .1875, .25, .35, .5, .75, 1	38.39
FCGB-____ NL	1/2 X 1/2 FPT	1"	2"	1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6	46.57
FCGC-____ NL	3/4 X 3/4 FPT	1-1/4"	2-1/4"	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 6, 7, 8, 9, 10, 11.5	62.07
FCGY-____ NL	3/4 M X 3/4 F	1-1/4"	1-1/2"	1, 1.5, 2, 2.5, 3, 4, 5, 6, 7, 8, 9, 10	79.49
FCGX-____ NL	1 X 1 FPT	1-1/2"	2-3/4"	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 12, 13.5, 15, 20, 25, 30	95.94

- Zinc Plated Steel Housing
- To order add Flow Rate to Part No. eg. FCGH-30NL

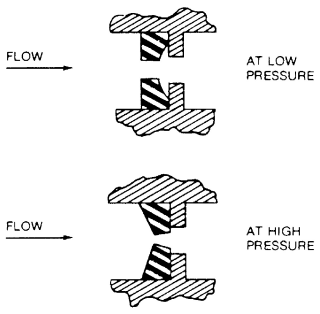
PART NO.____	CONNECTION	HEX SIZE	LENGTH	AVAILABLE FLOW RATES	LIST PRICE-A
FCGP-____ NL	1-1/4 X 1-1/4 MPT	1-5/8"	3"	2, 2.5, 3, 4, 5, 7, 8, 9, 10, 12, 15, 20, 25, 30	211.91
FCGT-____ NL	1-1/2 X 1-1/2 MPT	1-13/16"	3"	1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 7, 8, 9, 10, 12, 13.5, 15, 20, 25, 30	283.53
FCGF-____ NL	2 X 2 MPT	2-3/8"	3"	10, 11.5, 12, 13.5, 15, 20, 25, 30	353.38
FCGH-____ NL	2-1/2 X 2-1/2 MPT	2-7/8"	4"	30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90	694.91
FCGK-____ NL	3 X 3 MPT	3-1/2"	4"	30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120	723.41

Flow Characteristics:



Notes:
(1) Calculated flow through ⅛" diameter orifice.
(2) Typical flow curve of Dole® 2 GPM Flow Regulator.
(3) Threshold pressure will vary with flow rating.

Operating Principle:



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SECTION 8
TANK TEES & FITTING PACKAGES

PRODUCT LINE **PAGE**

Heavy Duty No Lead Brass Tank Tees 1

Tank Tees 2

Stainless Steel Tank Tees 3

Stainless Steel Constant Pressure Manifold 4

No Lead Brass Constant Pressure Manifold 4

Manifold Bracket 4

Pump Mounting Bracket 4

No Lead Brass Tank Tee / Manifold Packages 5

Stainless Steel Tank Tee / Manifold Packages 6

BII HEAVY DUTY NO LEAD BRASS SOLID TANK TEES

- Heavy duty no lead brass casting with increased wall thickness, up to 30% heavier wall than standard no lead tank tees in the market

PART NO.	TANK CONNECTION	IN-LINE CONNECTION	CENTRE END LENGTH	DRAIN/RELIEF PORTS	ACCESSORY PORTS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
07TK-25S-2NL	1" MPT	1" MPT x 3/4" FPT	4-1/2"	(2) 1/2" FPT	(2) 1/4" FPT	4	32	43.80
07TK-13S-2NL	1-1/4" MPT x 1" FPT	1-1/4" MPT x 1" FPT	4-1/2"	(2) 3/4" FPT	(2) 1/4" FPT	4	24	57.36

BII HEAVY DUTY NO LEAD BRASS O-RING UNION TANK TEES

- Heavy duty no lead brass casting with increased wall thickness, up to 30% heavier wall than standard no lead tank tees in the market
- Captive O-ring union design holds a North-American standard O-rings securely in a precision machined groove which prevents it from falling out and also provides protection against accidental damage when the union is disconnected
- 100% water tight seal easily made with hand tightening, only requires low torque with wrench to finish connection
- O-ring union design is very resistance to swiveling action and holds the tee head securely in position

1" uses AS 568-217 O-ring & 1-1/4" uses AS 568-221 O-ring

PART NO.	TANK CONNECTION	IN-LINE CONNECTION	CENTRE END LENGTH	DRAIN/RELIEF PORTS	ACCESSORY PORTS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
07TK-8-2UNL	1" MPT	1" MPT x 3/4" FPT	7-1/2"	(2) 1/2" FPT	(2) 1/4" FPT	2	20	64.87
07TK-25-1UNL	1" MPT	1" MPT x 3/4" FPT	10"	(1) 1/2" FPT	(2) 1/4" FPT	2	20	72.20
07TK-14X1-2UNL	1" MPT	1" MPT x 3/4" FPT	13"	(2) 1/2" FPT	(2) 1/4" FPT	2	16	84.30

NO LEAD BRASS WELLMATE QUICK CONNECT TANK TEE

Specially designed for the WellMate "QC" Quick Connect Tank series

- Alignment tabs interlock with tank connection to keep tee in perfect position
- Leg length allows replacement of pressure switch without hitting the tank (no need to disassemble the tee from the tank)

PART NO.	TANK CONNECTION	IN-LINE CONNECTION	CENTRE END LENGTH	DRAIN/RELIEF PORTS	ACCESSORY PORTS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
07TK-25S-2-WMNL	Special Male Q.C. O-Ring Union c/w alignment tabs	1" MPT X 3/4" FPT	4-1/8"	(2) 1/2" FPT	(2) 1/4" FPT	2	24	35.32
07TK-13S-2-WMNL	Special Male Q.C. O-Ring Union c/w alignment tabs	1-1/4" MPT X 1" FPT	6"	(2) 3/4" FPT	(2) 1/4" FPT	2	24	57.78

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NO LEAD BRASS FEMALE UNION TANK TEES

- 1" or 1-1/4" FPT brass union nut c/w American Standard Buna-N ring for positive seal to any 1" or 1-1/4" MPT tank connection.
- These tank tees can be used with the following tank series:
  WellMate WM Series
  Flexcon FlexLite Series
  Zilmet Hydro Plus ZHP Series
  Any tank with a side outlet 1" or 1-1/4" male connection
- Replacement O-ring can be purchased at local industrial/hardware store
  1" = uses AS 568-212 O-ring
  1-1/4" = uses AS 568-320 O-ring

NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

PART NO.	TANK CONNECTION	IN-LINE CONNECTION	CENTRE END LENGTH	DRAIN/RELIEF PORTS	ACCESSORY PORTS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
2-07TK-25SF-2UNL	1" FPT Union	1" MPT x 3/4" FPT	3"	(2) 1/2" FPT	(2) 1/4" FPT	4	32	43.11
2-07TK-13SF-2UNL	1-1/4" FPT Union	1-1/4" MPT x 1" FPT	3"	(2) 3/4" FPT	(2) 1/4" FPT	4	24	61.11
2-07TK-54SF-2UNL	1-1/4" FPT Union	1" MPT X 3/4" FPT	3"	(2) 1/2" FPT	(2) 1/4" FPT	4	32	48.94

NO LEAD BRASS SOLID TANK TEES

NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

PART NO.	TANK CONNECTION	IN-LINE CONNECTION	CENTRE END LENGTH	DRAIN/RELIEF PORTS	ACCESSORY PORTS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
2-07TK-54S-2NL	1-1/4" MPT	1" MPT X 3/4" FPT	3"	(2) 1/2" FPT	(2) 1/4" FPT	5	40	44.56
2-07TK-25SF-2NL	1" FPT	1" MPT x 3/4" FPT	3-5/8"	(2) 1/2" FPT	(2) 1/4" FPT	4	32	41.34
2-07TK-25S-2NL	1" MPT	1" MPT x 3/4" FPT	3-5/8"	(2) 1/2"	(2) 1/4"	5	40	27.47
2-07TK-25-2NL	1" MPT	1" MPT x 3/4" FPT	10"	(2) 1/2"	(2) 1/4"	2	24	43.99
2-07TK-25-1NL	1" MPT	1" MPT x 3/4" FPT	10"	(1) 1/2"	(2) 1/4"	2	24	41.65
2-07TK-14X1-2NL	1" MPT	1" MPT x 3/4" FPT	13"	(2) 1/2"	(2) 1/4"	2	20	54.18
2-07TK-13SF-2NL	1-1/4" FPT	1-1/4" MPT x 1" FPT	3-5/8"	(2) 3/4" FPT	(2) 1/4" FPT	4	32	59.58
2-07TK-13S-2NL	1-1/4" MPT	1-1/4" MPT x 1" FPT	3-3/8"	(2) 3/4"	(2) 1/4"	4	32	39.85
2-07TK-13-2NL	1-1/4" MPT	1-1/4" MPT x 1" FPT	13"	(2) 3/4"	(2) 1/4"	2	12	80.40

NO LEAD BRASS O-RING UNION TANK TEES

- American Standard BUNA N O-ring used to ensure watertight connection
  1" uses AS 568-214 O-ring & 1-1/4" uses AS 568-219 O-ring

2-07TKO-25S-2UNL

2-07TKO-25-2UNL

NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

PART NO.	TANK CONNECTION	IN-LINE CONNECTION	CENTRE END LENGTH	DRAIN/RELIEF PORTS	ACCESSORY PORTS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
2-07TKO-25S-2UNL	1" MPT	1" MPT x 3/4" FPT	4-1/2"	(2) 1/2"	(2) 1/4"	4	24	39.57
2-07TKO-8-2UNL	1" MPT	1" MPT x 3/4" FPT	7-1/2"	(2) 1/2"	(2) 1/4"	2	20	52.77
2-07TKO-25-2UNL	1" MPT	1" MPT x 3/4" FPT	10"	(2) 1/2"	(2) 1/4"	2	20	53.53
2-07TKO-25-1UNL	1" MPT	1" MPT x 3/4" FPT	10"	(1) 1/2"	(2) 1/4"	2	20	54.67
2-07TKO-14X1-2UNL	1" MPT	1" MPT x 3/4" FPT	13"	(2) 1/2"	(2) 1/4"	2	16	63.78
2-07TKO-13S-2UNL	1-1/4" MPT	1-1/4" MPT x 1" FPT	4-1/2"	(2) 3/4"	(2) 1/4"	4	24	58.82
2-07TKO-13-2UNL	1-1/4" MPT	1-1/4" MPT x 1" FPT	13"	(2) 3/4"	(2) 1/4"	2	12	89.02

STAINLESS STEEL O-RING UNION TANK TEES

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

- Heavy duty 304 stainless steel head casting
- 304 stainless steel Sch. 40 pipe nipple leg
- Provides high corrosion resistance
- American Standard BUNA N O-ring used to ensure watertight connection

1" uses AS 568-217 O-ring & 1-1/4" uses AS 568-221 O-ring

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

PART NO.	TANK CONNECTION	IN-LINE CONNECTION	CENTRE END LENGTH	DRAIN/RELIEF PORTS	ACCESSORY PORTS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
07ST-25S-2U	1" MPT	1" MPT X 3/4" FPT	4-1/2"	(2) 1/2" FPT	(2) 1/4" FPT	6	24	77.59
07ST-8-2U	1" MPT	1" MPT X 3/4" FPT	7-1/2"	(2) 1/2" FPT	(2) 1/4" FPT	6	24	82.04
07ST-25-2U	1" MPT	1" MPT X 3/4" FPT	10"	(2) 1/2" FPT	(2) 1/4" FPT	3	12	85.45
07ST-14X1-2U	1" MPT	1" MPT X 3/4" FPT	13"	(2) 1/2" FPT	(2) 1/4" FPT	3	12	89.39
07ST-13S-2U	1-1/4" MPT	1-1/4" MPT X 1" FPT	4-1/2"	(2) 3/4" FPT	(2) 1/4" FPT	4	16	93.01
07ST-13-2U	1-1/4" MPT	1-1/4" MPT X 1" FPT	13"	(2) 3/4" FPT	(2) 1/4" FPT	2	8	106.10
07ST-16-2U	1-1/4" MPT	1-1/4" MPT X 1" FPT	16"	(2) 3/4" FPT	(2) 1/4" FPT	3	12	113.51

NON-UNION STAINLESS STEEL TANK TEES

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

- Heavy duty 304 stainless steel head casting comes with permanently installed 304 stainless steel Sch. 40 pipe nipple leg
- Permanent hard setting thread sealant ensures a watertight connection, and secures nipple in tank tee head, it will not un-thread if the tank tee needs to be removed to replace a defective pressure tank.
- Provides high corrosion resistance

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

PART NO.	TANK CONNECTION	LINE CONNECTION	CENTRE END LENGTH	DRAIN/RELIEF PORTS	ACCESSORY PORTS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
07ST-25SFH-2	1" FPT*	1" MPT X 3/4" FPT	1-11/16"	(2) 1/2" FPT	(2) 1/4" FPT	5	40	48.81
07ST-25S-2	1" MPT	1" MPT X 3/4" FPT	4-1/2"	(2) 1/2" FPT	(2) 1/4" FPT	6	24	55.28
07ST-8-2	1" MPT	1" MPT X 3/4" FPT	7-1/2"	(2) 1/2" FPT	(2) 1/4" FPT	5	20	61.44
07ST-25-2	1" MPT	1" MPT X 3/4" FPT	10"	(2) 1/2" FPT	(2) 1/4" FPT	3	12	62.47
07ST-14X1-2	1" MPT	1" MPT X 3/4" FPT	13"	(2) 1/2" FPT	(2) 1/4" FPT	3	12	67.60
07ST-13SFH-2	1-1/4" FPT*	1-1/4" MPT X 1" FPT	1-7/8"	(2) 3/4" FPT	(2) 1/4" FPT	4	32	58.38
07ST-13S-2	1-1/4" MPT	1-1/4" MPT X 1" FPT	4-1/2"	(2) 3/4" FPT	(2) 1/4" FPT	6	24	65.80
07ST-13-2	1-1/4" MPT	1-1/4" MPT X 1" FPT	13"	(2) 3/4" FPT	(2) 1/4" FPT	2	8	83.28
07ST-16-2	1-1/4" MPT	1-1/4" MPT X 1" FPT	16"	(2) 3/4" FPT	(2) 1/4" FPT	3	12	88.66

***** The FPT tank connection is machined oversized to ensure the pipe nipple threads completely into the head casting leaving no exposed threads.

GALVANIZED MALLEABLE IRON TANK TEES

- Heavy duty malleable iron castings
- Thick galvanized coating for corrosion resistance
- Compact and economical

07HC100G

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

PART NO.	TANK CONNECTION	IN-LINE CONNECTION	DRAIN/RELIEF PORTS	ACCESSORY PORTS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
07HC100G	1" FPT	1" FPT	(1) 3/4" FPT	(2) 1/4" FPT		30	19.42
07HC125G	1-1/4" FPT	1-1/4" FPT	(1) 3/4" FPT	(2) 1/4" FPT		20	26.21

PVC TANK TEES

- PVC Material
- One-Piece Molded
- Complies with ASTM Socket & ANSI Threaded Standards
- Recommended working pressure 145 PSI

NO LEAD LEAD-FREE

PART NO.	TANK CONNECTION	IN-LINE CONNECTION	CENTRE END LENGTH	DRAIN/RELIEF PORTS	ACCESSORY PORTS	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
07-IC125	1-1/4" MPT X 1" F	1" MPT X 3/4" FPT	3-5/8"	(1) 3/4" FPT (1) 1/2" FPT	(2) 1/4" FPT		100	20.13
07PT-25-2	1" MPT	1" MPT X 3/4" Socket	11"	(2) 1/2" FPT	(2) 1/4" FPT		30	13.03

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STAINLESS STEEL CONSTANT PRESSURE MANIFOLD

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

- 1" FPT tank port makes this manifold functional with any tank on the market
- 1" FPT ports can be bushed down to match your tank and transducer
- MPT x FPT line connections on both ends for ease of installation
- Two 3/4" FPT ports accommodate a relief valve and a hose bibb
- One 1/4" FPT port accommodates a 2" or 2-1/2" dial 1/4" MPT center back mount gauge

NO LEAD LEAD-FREE Third Party Certified to NSF / ANSI 372

PART NO.	TANK CONNECTIONS	IN-LINE CONNECTIONS	TOTAL LENGTH	TRANSDUCER PORT	DRAIN/ RELIEF PORTS	PRESSURE GAUGE PORT	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
07M-125SS	1" FPT	1- 1/4" MPT x 1" FPT	11"	(1) 1"	(2) 3/4"	(1) 1/4"	6	24	88.56
07M-200SS	1" FPT	2" MPT x 1-1/2" FPT	13-3/4"	(1) 1"	(2) 3/4"	(1) 1/4"	3	12	187.73

NO LEAD BRASS CONSTANT PRESSURE MANIFOLD

- Available with 3/4" or 1" FPT tank and transducer ports
- MPT x FPT line connections on both ends for ease of installation
- Two 3/4" FPT ports accommodate a relief valve and a hose bibb
- One 1/4" FPT port accommodates a 2" or 2-1/2" dial 1/4" MPT center back mount gauge

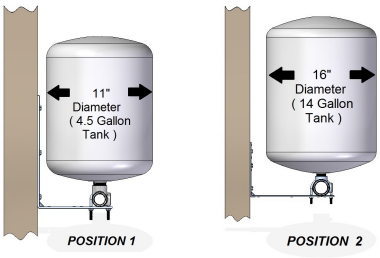
NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

PART NO.	TANK CONNECTIONS	LINE CONNECTIONS	TOTAL LENGTH	TRANSDUCER PORT	DRAIN/ RELIEF PORTS	PRESSURE GAUGE PORT	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
2-07M-125NL	3/4" FPT	1- 1/4" MPT x 1" FPT	13-5/8"	(1) 3/4"	(2) 3/4"	(1) 1/4"	16		79.91
2-07M-125-10NL	1" FPT	1- 1/4" MPT x 1" FPT	13-5/8"	(1) 1"	(2) 3/4"	(1) 1/4"	16		81.06

MANIFOLD BRACKET

The bracket allows a manifold to be secured to the brackets with "U" bolts and a small pressure tank inserted to the manifold. This bracket is interchangeable to allow for two different mounting options. Brackets are steel with black powder coat finish and are supplied with lag screws, "U" bolts, nylon lock nuts and plastic end caps.

PART NO.	DESCRIPTION	QUANTITY CARTON	LIST PRICE-A
07M-125-MB	For 1-1/4" Manifold	20	37.79
07M-200-MB	For 2" Manifold	20	53.63



PUMP MOUNTING BRACKET

Pump mounting bracket kit has the following components:

- (1) 3/8" -16NC x 3/4" zinc plated hex bolt
- (1) 3/8" -16NC x 1" zinc plated hex bolt
- (1) 5/8" -11NC x 3/8" -16NC bushing for Flexcon Tanks
- (4) zinc plated flat shim washers
- (4) blue plastic leg protectors

PART NO.	TYPE	SIZE	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
PMB	Universal	7-1/2" x 9-1/8" x 1-15/16"	20		24.37

Warning: To prevent damage to the tank it is very important to use the proper length bolts. A bolt which is too long may dent or puncture the tank dome. The length of bolt will vary on different tank styles. Always use shim washers where required.

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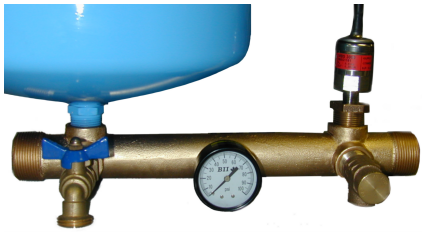
NO LEAD BRASS TANK TEE PACKAGES

PART NO.	LIST PRICE-A	TANK TEE	BOILER DRAIN	PRESSURE GAUGE	PRESSURE SWITCH	NIPPLE	RELIEF VALVE	CHECK VALVE	ADAPTER	ADDITIONAL NIPPLE	BALL VALVE
SOLID NO LEAD BRASS TANK TEE PACKAGES											
TFP-2TK132NL	163.61	2-07TK-13-2NL	0853-07NL	PG-100NL	FSG2J21	BRN-0230	RVNB07-075NL				
TFP-2TK132NRNL	150.42	2-07TK-13-2NL	0853-07NL	PG-100NL	FSG2J21	BRN-0230					
TFP-2TK13S2NL	120.81	2-07TK-13S-2NL	0853-07NL	PG-100NL	FSG2J21	BRN-0230	RVNB07-075NL				
TFP-2TK1412NL	134.76	2-07TK-14X1-2NL	0853-05NL	PG-100NL	FSG2J21	BRN-0230	RVNB05-075NL				
TFP-2TK1412P4NL	112.58	2-07TK-14X1-2NL	0853-05NL	PG-100NL	PS02-4060	BRN-0230	RVNB05-075NL				
TFP-2TK1412M4CVNL	170.80	2-07TK-14X1-2NL	0853-05NL	PG-100NL	FSG2J21M4	BRN-0230	RVNB05-075NL	17YBCV100NL			
TFP-2TK251NRNL	110.47	2-07TK-25-1NL	0853-05NL	PG-100NL	FSG2J21	BRN-0230					
TFP-2TK252NL	123.00	2-07TK-25-2NL	0853-05NL	PG-100NL	FSG2J21	BRN-0230	RVNB05-075NL				
TFP-2TK252P4NL	96.65	2-07TK-25-2NL	0853-05NL	PG-100NL	PS02-4060	BRN-0230	RVNB05-075NL				
TFP-2TK252J24NL	123.00	2-07TK-25-2NL	0853-05NL	PG-100NL	FSG2J24	BRN-0230	RVNB05-075NL				
TFP-2TK252M4NL	136.26	2-07TK-25-2NL	0853-05NL	PG-100NL	FSG2J21M4	BRN-0230	RVNB05-075NL				
TFP-2TK252M4CVNL	158.75	2-07TK-25-2NL	0853-05NL	PG-100NL	FSG2J21M4	BRN-0230	RVNB05-075NL	17YBCV100NL			
TFP-2TK25S2NL	106.45	2-07TK-25S-2NL	0853-05NL	PG-100NL	FSG2J21	BRN-0230	RVNB05-075NL				
TFP-2TK25S2M4NL	119.72	2-07TK-25S-2NL	0853-05NL	PG-100NL	FSG2J21M4	BRN-0230	RVNB05-075NL				
TFP-2TK25SF2M4ANL	170.58	2-07TK-25SF-2NL	0853-05NL	PG-100NL	FSG2J21M4	BRN-0230	RVNB05-075NL		FA-100NL	BRN-0715	0820-07NL
TFP-TK25S2WMNL	114.50	07TK-25S-2-WMNL	0853-05NL	PG-100NL	FSG2J21	BRN-0230	RVNB05-075NL				
TFP-TK25S2WMJ24NL	114.33	07TK-25S-2-WMNL	0853-05NL	PG-100NL	FSG2J24	BRN-0230	RVNB05-100NL				
SOLID NO LEAD BRASS W/ FEMALE UNION TANK TEE PACKAGES											
TFP-2TK13SF2UNL	144.35	2-07TK-13SF-2UNL	0853-07NL	PG-100NL	FSG2J21	BRN-0230	RVNB07-075NL				
TFP-2TK25SF2UNL	123.28	2-07TK-25SF-2UNL	0853-05NL	PG-100NL	FSG2J21	BRN-0230	RVNB05-075NL				
UNION NO LEAD BRASS TANK TEE PACKAGES											
TFP-2TK132UNL	172.47	2-07TKO-13-2UNL	0853-07NL	PG-100NL	FSG2J21	BRN-0230	RVNB07-075NL				
TFP-2TK13S2UNL	139.79	2-07TKO-13S-2UNL	0853-07NL	PG-100NL	FSG2J21	BRN-0230	RVNB07-075NL				
TFP-2TK1412UNL	144.57	2-07TKO-14X1-2UNL	0853-05NL	PG-100NL	FSG2J21	BRN-0230	RVNB05-075NL				
TFP-2TK251UNRNL	121.66	2-07TKO-25-1UNL	0853-05NL	PG-100NL	FSG2J21	BRN-0230					
TFP-2TK252UNL	132.55	2-07TKO-25-2UNL	0853-05NL	PG-100NL	FSG2J21	BRN-0230	RVNB05-075NL				
TFP-2TK252UP3NL	110.29	2-07TKO-25-2UNL	0853-05NL	PG-100NL	PS02-3050	BRN-0230	RVNB05-075NL				
TFP-2TK252UP4NL	106.96	2-07TKO-25-2UNL	0853-05NL	PG-100NL	PS02-4060	BRN-0230	RVNB05-075NL				
TFP-2TK252UJ24NL	132.55	2-07TKO-25-2UNL	0853-05NL	PG-100NL	FSG2J24	BRN-0230	RVNB05-075NL				
TFP-2TK252UM4NL	145.81	2-07TKO-25-2UNL	0853-05NL	PG-100NL	FSG2J21M4	BRN-0230	RVNB05-075NL				
TFP-2TK252UM4CVNL	168.51	2-07TKO-25-2UNL	0853-05NL	PG-100NL	FSG2J21M4	BRN-0230	RVNB05-075NL	17YBCV100NL			
TFP-2TK252UCV02NL	179.42	2-07TKO-25-2UNL	0852-05NL	PG-100NL	FSG2J21	BRN-0230	RVNB05-075NL	17YBCV100NL			0820-10NL
TFP-2TK25S2UNL	118.56	2-07TKO-25S-2UNL	0853-05NL	PG-100NL	FSG2J21	BRN-0230	RVNB05-075NL				

NO LEAD BRASS CONSTANT PRESSURE MANIFOLD PACKAGES

PART NO.	LIST PRICE-A	MANIFOLD	HOSE BIBB	PRESSURE GAUGE	MANIFOLD BRACKET	RELIEF VALVE	BUSHING	OTHER
TFP-2M125NL	130.83	07M-125NL	0852-07NL	PGCBM-1-100-GNL		RVNB07-100NL	NLBRB-0705	
TFP-2M125MBNL	162.66	07M-125NL	0852-07NL	PGCBM-1-100-GNL	07M-125-MB	RVNB07-100NL	NLBRB-0705	



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STAINLESS STEEL TANK TEE PACKAGES

PART NO.	LIST PRICE-A	TANK TEE	BOILER DRAIN	PRESSURE GAUGE	PRESSURE SWITCH	NIPPLE	RELIEF VALVE	CHECK VALVE	ADDIT. NIPPLE	BALL VALVE	OTHER
STAINLESS STEEL UNION TANK TEE PACKAGES											
TFP-ST132U	237.90	07ST-13-2U	SSHB52-07	PGS25-100	FSG2J21	SS304N-0230	SSRVN07-075				
TFP-ST13S2U	223.37	07ST-13S-2U	SSHB52-07	PGS25-100	FSG2J21	SS304N-0230	SSRVN07-075				
TFP-ST14X12U	216.08	07ST-14X1-2U	SSHB52-05	PGS25-100	FSG2J21	SS304N-0230	SSRVN05-075				
TFP-ST14X12UJ24	216.08	07ST-14X1-2U	SSHB52-05	PGS25-100	FSG2J24	SS304N-0230	SSRVN05-100				
TFP-ST252U	210.70	07ST-25-2U	SSHB52-05	PGS25-100	FSG2J21	SS304N-0230	SSRVN05-075				
TFP-ST252UJ24	210.70	07ST-25-2U	SSHB52-05	PGS25-100	FSG2J24	SS304N-0230	SSRVN05-075				
TFP-ST252UJ24-04	282.07	07ST-25-2U	SSHB52-05	PGS-100-G	FSG2J24	SS304N-0230	SSRVN05-100	17CVSS-100	SS304N-0720	SSBV800-07	SS304SE-07
TFP-ST252UJ24-07	288.26	07ST-25-2U	SSHB52-05	PGSCBM-100-G	FSG2J24	SS304N-0230	SSRVN05-100	17CVSS-100		SSBV800-10	
TFP-ST25S2U	202.84	07ST-25S-2U	SSHB52-05	PGS25-100	FSG2J21	SS304N-0230	SSRVN05-075				
TFP-ST25S2UJ24	202.84	07ST-25S-2U	SSHB52-05	PGS25-100	FSG2J24	SS304N-0230	SSRVN05-075				
TFP-ST25S2UJ24-04	278.81	07ST-25S-2U	SSHB52-05	PGS-100-G	FSG2J24	SS304N-0230	SSRVN05-100	17CVSS-100	SS304N-0720	SSBV800-07	SS304SE-07 SS304C-10
TFP-ST82U	207.29	07ST-8-2U	SSHB52-05	PGS25-100	FSG2J21	SS304N-0230	SSRVN05-075				
TFP-ST82UJ24	207.29	07ST-8-2U	SSHB52-05	PGS25-100	FSG2J24	SS304N-0230	SSRVN05-075				
STAINLESS STEEL NON-UNION TANK TEE PACKAGES											
TFP-ST132J24-01	224.19	07ST-13-2	SSHB52-07	PGS25-100	FSG2J24	SS304N-0230	SSRVN07-075				TT260-SS
TFP-ST162J24-01	230.89	07ST-16-2	SSHB52-07	PGS25-100	FSG2J24	SS304N-0230	SSRVN07-075				TT260-SS
TFP-ST252	191.60	07ST-25-2	SSHB52-05	PGS25-100	FSG2J21	SS304N-0230	SSRVN05-075				
TFP-ST252J24	191.60	07ST-25-2	SSHB52-05	PGS25-100	FSG2J24	SS304N-0230	SSRVN05-075				

STAINLESS STEEL CONSTANT PRESSURE MANIFOLD PACKAGES

PART NO.	LIST PRICE-A	MANIFOLD	HOSE BIBB	PRESSURE GAUGE	MANIFOLD BRACKET	RELIEF VALVE	BUSHINGS	OTHER
TFP-07M125SS	178.10	07M-125SS	SSHB52-07	PGSCBM-100-G		SSRVN07-100	439-130 439-131	
TFP-07M125SS-01	185.33	07M-125SS	SSHB52-07	PGSCBM-100-G		SSRVN07-100	SS304B-1005 SS304B-1007	TT260-SS
TFP-07M125SS-MB	210.14	07M-125SS	SSHB52-07	PGSCBM-100-G	07M-125-MB	SSRVN07-100	439-130 439-131	
TFP-07M125SSMB-01	217.21	07M-125SS	SSHB52-07	PGSCBM-100-G	07M-125-MB	SSRVN07-100	SS304B-1005 SS304B-1007	TT260-SS
TFP-07M200SS-MB	323.43	07M-200SS	SSHB52-07	PGSCBM-100-G	07M-200-MB	SSRVN07-100	439-130 439-131	

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SECTION 9
INSTALLATION ACCESSORIES

PRODUCT LINE **PAGE**

Heat Shrink Kits 1

Electrical Tape 3

Pipe Wrap 3

Torque Arrestors 4

Cable Ties 4

Rope Hanger 5

Cable Guards 5

Drop Pipe Couplings 5

Rope 6

Mechanical Shaft Seals for Pumps 7

Circulator Couplings 7

Pipe Cutters 8

Contractor Bins & Nut Driver 9

Tape Measures 9

HS SERIES "HEAVY DUTY" HEAT SHRINK KITS

"HS" Series heavy wall adhesive lined, flexible cross-linked polyolefin heat shrinkable tubing. **DESIGNED FOR THE NEW SMALLER O.D. LEAD WIRES being used on submersible pump motors**. This tubing is suitable for applications up to 600 volts providing excellent waterproof insulating and environmental sealing protection for splices, connections and jacket repairs. High impact and abrasion resistance of **THIS HEAVY WALL TUBING PROVIDES THE HIGHEST LEVEL OF MECHANICAL DURABILITY**. When heated above 120°C (250°F) there is a 3:1 shrink ratio. Tubing will shrink unrestricted to 33% of its original diameter, the recovered wall thickness of the tubing is proportional to the degree of recovery (approx. 0.08" /2mm when fully recovered)

NOTE: Due to the substantial wall thickness, the "HS" Series of Tubing takes longer to shrink to its fully recovered state (approx. 45-50 seconds). Time will vary depending on job site conditions and the heat source that is used.

RoHS CERTIFIED DIRECTIVE 2002/95/EC <0.10% Pb

Tube specs. - expanded I.D. = 0.40" min. recovered I.D. = 0.15" max. nominal wall thickness = 0.08" .

BLACK KIT PART NO.	CLEAR KIT PART NO.	WIRE SIZE RANGE	NO. OF BUTT CONN.	NO. OF SHRINK TUBES	TUBE LENGTH	QTY CASE	LIST PRICE-A
HS-2	HSC-2	14,12,10	2 (#14 - #10)	2	3"	50	2.29
HS-3	HSC-3	14,12,10	3 (#14 - #10)	3	3"	50	3.23
HS-3-4	HSC-3-4	14,12,10	4 (#14 - #10)	3	3"	50	3.56
HS-4	HSC-4	14,12,10	4 (#14 - #10)	4	3"	50	4.10

#8 AWG AND #6 AWG PUMP CABLE KITS- BLACK

Tube specs. - expanded I.D. = 0.51" min. recovered I.D. = 0.16" max. nominal wall thickness = 0.09"

HS8-3	#8 AWG	2 (#8) & 1 (#14 - #10)	3	4"	10	9.82
HS8-4	#8 AWG	3 (#8) & 1 (#14 - #10)	4	4"	40	12.93
HS6-3	#6 AWG	2 (#6) & 1 (#8)	3	4"	10	12.00
HS6-4	#6 AWG	3 (#6) & 1 (#8)	4	4"	10	15.92

DELUXE - X-TRA LONG STAKON (BUTT CONN) FOR DOUBLE CRIMPING
NOTE: THE HEAT SHRINK TUBING IS SAME AS IN THE KITS ABOVE

HS8-3XLS	#8 AWG	2 (#8) & 1 (#14 - #10)	3	4"	10	18.18
HS8-4XLS	#8 AWG	3 (#8) & 1 (#14 - #10)	4	4"	10	25.50
HS6-3XLS	#6 AWG	2 (#6) & 1 (#8)	3	4"	10	25.17
HS6-4XLS	#6 AWG	3 (#6) & 1 (#8)	4	4"	10	33.50

	OVERALL LENGTH	
	DELUXE	STANDARD
#8	1.973	0.835
#6	2.37	1.015
#4	2.36	1.142

#4 AWG PUMP CABLE KITS - BLACK

Tube specs. - expanded I.D. = 0.75" min. recovered I.D. = 0.24" max. nominal wall thickness = 0.09"

HS4-4	#4 AWG	3 (#4) & 1 (#6)	4	4.8"	10	22.21
DELUXE						
HS4-4XLS	#4 AWG	3 (#4) & 1 (#6)	4	4.8"	10	41.76

SC6 Stakons Comparison

#8 AWG, #6 AWG AND #4 AWG PUMP CABLE KITS - CLEAR

Tube specs. - expanded I.D. = 0.75" min. recovered I.D. = 0.22" max. nominal wall thickness = 0.08"

RoHS CERTIFIED DIRECTIVE 2002/95/EC <0.10% Pb

BLACK KIT PART NO.	CLEAR KIT PART NO.	WIRE SIZE RANGE	NO. OF BUTT CONN.	NO. OF SHRINK TUBES	TUBE LENGTH	QTY CASE	LIST PRICE-A
	HSC8-4	#8 AWG	3 (#8) & 1 (#14 - #10)	4	4"	10	13.12
	HSC6-4	#6 AWG	3 (#6) & 1 (#8)	4	4"	10	15.93
	HSC4-4	#4 AWG	3 (#4) & 1 (#6)	4	4.8"	10	20.09

DELUXE - X-TRA LONG STAKON (BUTT CONN) FOR DOUBLE CRIMPING
NOTE: THE HEAT SHRINK TUBING IS SAME AS IN THE KITS ABOVE

HSC8-4XLS	#8 AWG	3 (#8) & 1 (#14 - #10)	4	4"	10	25.08
HSC6-4XLS	#6 AWG	3 (#6) & 1 (#8)	4	4"	10	33.53
HSC4-4XLS	#4 AWG	3 (#4) & 1 (#6)	4	4.8"	10	40.47

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NO LEAD LEAD-FREE

STAKON CONNECTORS

PART NO.	WIRE SIZE	LENGTH OF CONNECT	DESCRIPTION	QUANTITY BAG	QUANTITY CASE	LIST PRICE-A
SC-14-10	#14-10	Bulk Stakons	Bulk Stakons	25	500	0.43
SC-8	8	0.835	Bulk Stakons	10	200	1.39
SC-6	6	1.015	Bulk Stakons	10	200	1.99
SC-4	4	1.142	Bulk Stakons	4	200	3.27
SC-2	2	1.272	Bulk Stakons	4	100	4.55
DELUXE						
SC-8XLS	8	1.973	Bulk Stakons	10	200	6.21
SC-6XLS	6	2.370	Bulk Stakons	10	200	7.37
SC-4XLS	4	2.360	Bulk Stakons	4	200	9.67
SC-2XLS	2	2.600	Bulk Stakons	4	100	11.27

HSK SERIES "FAST RECOVERY" HEAT SHRINK KITS

"HSK" Series adhesive lined cross-linked polyolefin heat shrinkable tubing is designed for applications up to 600 volts, and provides excellent sealing protection for splices, connections, and jacket repairs. The good abrasion resistance characteristics of this tubing provide excellent mechanical protection. When heated above 120°C (250°F) the tubing **SHRINKS RAPIDLY TO A SKIN TIGHT FIT**, forcing the melted adhesive to flow forming a flexible bond. Upon cooling the adhesive solidifies, forming a permanent, non-drying flexible and waterproof barrier **DESIGNED FOR THE NEW SMALLER O.D. LEAD WIRES being used on submersible pump motors**. With a 4:1 shrink ratio the tubing shrinks unrestricted to 25% of its original diameter. The recovered wall thickness of the tubing is proportional to the degree of recovery (approx. 0.043" /1.1 mm when fully recovered). **NOTE**: This tubing will shrink to its fully recovered diameter in 25-30 seconds. Time will vary depending on job site conditions and the heat source that is used.

RoHS CERTIFIED DIRECTIVE 2002/95/EC <0.10% Pb

Tube specs. - expanded I.D. = 0.45" min. recovered I.D. = 0.102" max. nominal wall thickness = 0.043" .

BLACK KIT PART NO.	LIST PRICE-A	CLEAR KIT PART NO.	LIST PRICE-A	WIRE SIZE RANGE	NO. OF BUTT CONN.	NO. OF SHRINK TUBES	TUBE LENGTH	QTY CASE
HSKB-2	1.98	HSKC-2	2.02	14,12,10	2 (#14 - #10)	2	3"	50
HSKB-3	2.78	HSKC-3	2.85	14,12,10	3 (#14 - #10)	3	3"	50
HSKB-3-4	3.10	HSKC-3-4	3.17	14,12,10	4 (#14 - #10)	3	3"	50
HSKB-4	3.57	HSKC-4	3.66	14,12,10	4 (#14 - #10)	4	3"	50
		* HSKC-12	10.18	14,12,10	12 (#14 - #10)	12	3"	50

* The 12 pack contains 12 heat shrink tubes and 12 stakon connectors and are packaged in a resealable zip lock bag.

NOTE: Black tubing is flame retardant. However, due to the removal of the carbon content to produce transparent tubing, the clear tubing is not flame retardant.

Larger Diameter Tubing and Butt Splice Connectors Sold Separately

HEAT SHRINK TUBES

3" LONG HEAT SHRINK TUBES - CLEAR & BLACK

Bulk packed tubes, for tubing specifications refer to the information printed with the splice kits on previous page.

PART NO.	COLOUR	WIRE SIZE	EXPANDED ID (MIN)	RECOVERED ID (MAX)	WALL	TUBING LENGTH	QTY CASE	LIST PRICE-A
† HST-HS-3-BK	Black	14-10	0.40 in	0.15 in	0.08 in	3"	25	0.96 /3" pc
† HST-HS-3-CL	Clear	14-10	0.40 in	0.15 in	0.08 in	3"	25	0.96 /3" pc
†† HST-HSK-3-BK	Black	14-10	0.45 in	0.102 in	0.043 in	3"	25	0.77 /3" pc

† Used in "HS" Series Heavy Duty Kits †† Used in "HSK" Series Fast Recovery Kits

RoHS CERTIFIED DIRECTIVE 2002/95/EC <0.10% Pb

48" LONG HEAT SHRINK TUBES - BLACK

This heavy wall, adhesive lined 3:1 shrink ratio, cross-linked polyolefin heat shrinkable tubing has high impact and abrasion resistance, and provides excellent insulating/sealing protection for splices, connections and jacket repairs.

HST400-48-BK	Black	14-10	0.40 in	0.15 in	0.08 in	48"	48	0.48 /inch
HST500-48-BK	Black	8-6	0.51 in	0.16 in	0.09 in	48"	48	0.57 /inch
HST750-48-BK	Black	6-2	0.75 in	0.24 in	0.09 in	48"	48	0.60 /inch
HST1100-48-BK	Black	1-3/0	1.10 in	0.35 in	0.12 in	48"	48	1.03 /inch
HST1500-48-BK	Black	2/0-350	1.50 in	0.47 in	0.16 in	48"	48	1.24 /inch

48" LONG HEAT SHRINK TUBES - CLEAR

This clear wall, adhesive lined, 3:1 shrink ratio, cross-linked polyolefin heat shrinkable tubing allows for visual inspection of splices. It has high impact and abrasion resistance, and provides excellent insulating/sealing protection for splices, connections, and jacket repairs.

HST400-48-CL	Clear	14-10	0.40 in	0.15 in	0.08 in	48"	48	0.48 /inch
HST750-48-CL	Clear	8-2	0.75 in	0.22 in	0.08 in	48"	48	0.49 /inch

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NO LEAD ELECTRICAL TAPE

- General all purpose black plastic vinyl tape
- Rated for continuous operation in temperature range of 14°F to 176°F(-10°C to 80°C)
- CSA Standard C22.2 No. 0 & 197 Certified
- UL Standard 570 Certified

RoHS CERTIFIED DIRECTIVE 2002/95/EC <0.10% Pb

PART NO.	DESCRIPTION	TEMP. RANGE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
ETAWNL	General Purpose Vinyl Plastic Electrical Tape 0.18 mm x 19 mm x 18.3 m 7 MIL x 3/4" x 60	-10°C to 80°C 14°F to 176°F	10	200	2.58

NO LEAD COLD & SUNLIGHT RESISTANT TAPE

- For use as electrical insulation on joints and splices in wires and cables, protective outer jacket, harness wrapping and protective conduits
- Low temperature application
- Resists abrasion, alkalis, acids, oil, solvents & corrosive chemicals
- Resists ultraviolet rays & moisture
- Flame retardant
- Plastic backing & aggressive rubber-resin adhesive
- Moisture tight electrical and mechanical protection
- CSA Standard C22.2 No. 0 & 197 Certified
- UL Standard 570 Certified

RoHS CERTIFIED DIRECTIVE 2002/95/EC <0.10% Pb

PART NO.	DESCRIPTION	TEMP. RANGE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
ETCWNL	All Weather Vinyl Plastic 8 MIL x 3/4" x 60	-18°C to 80°C 0°F to 176°F	10	200	2.92

SELF BONDING ELECTRICAL TAPE

- A conformable self-fusing rubber electrical insulating tape
- Designed for low voltage electrical insulating and moisture sealing applications
- Compatible with solid dielectric cable insulations
- Flexible over a wide temperature range
- CSA Standard C22.2 No. 0 & 197 Certified
- UL Standard 570 Certified

PART NO.	DESCRIPTION	TEMP. RANGE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
ETSBR	Self Fusing Rubber Splicing Tape 3/4" x 22 ft. x 30 mil	-10°C to 80°C 14°F to 176°F	10	50	13.86

Recommendation: Templex Rubber Splicing Tape should be overwrapped for mechanical protection with two half-lapped layers of either 3M vinyl electrical tape or cotton friction tape.

NO LEAD "ALL WEATHER" PIPE WRAP TAPE

- Can be used on all types of pipe and fittings, including steel, galvanized, electrical conduit, cast and ductile iron
- Provides excellent insulating capacities and superior abrasion resistance
- Resists/reduces corrosion problems caused by salts, salt water, soil acids and minerals, alkalis, common chemicals, vapors and protects against fungus and bacteria
- Remains pliable in a wide range of temperature and working environments, resists the effects of outdoor weathering and sunlight exposure
- IAPMO UPC Standard D1000 Certified (Black Tape only)
- Operating Temperature: 14°F to 176°F (-10°C to 80°C)

RoHS CERTIFIED DIRECTIVE 2002/95/EC <0.10% Pb

PART NO.	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
PW2-10NL	2" x 100 ft x 10 mil Black - UPC Listed	24	12.90
PW2-G10NL	2" x 100 ft x 10 mil Green - Not Listed	24	12.90

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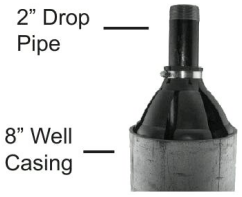
SEAL WELL PRODUCTS — SUBMERSIBLE TORQUE ARRESTORS

- Protects submersible pumps from starting torque damage
- Field-adjustable to hold pump centred in well
- Snug fit in all well casings from 4" to 8" I.D.
- Two piece design installs quickly
- Eliminates flashing problems
- Securely fasten to 1" or 1-1/4" drop pipe with the stainless steel clamps provided
- Infinite adjustment feature enables installer to obtain proper fit, eliminating damage to pumps due to high starting torque.

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372



PART NO.	COLOUR	CASING SIZE	DROP PIPE SIZE	UNIT WGT	QUANTITY CASE	LIST PRICE-A
FLEXIBLE POLY VINYL CHLORIDE (PVC)						
TA-48-PVC	Black	4" to 8"	1" to 1-1/4"	1.0 lb	10	18.57
STANDARD THERMO PLASTIC ELASTOMER (TPE)						
TA-48-BLK	Black	4" to 8"	1" to 1-1/4"	1.0 lb	10	22.35
TA-48-GREEN	Green	4" to 8"	1" to 1-1/4"	1.0 lb	10	23.50
DELUXE THERMO PLASTIC ELASTOMER (TPE)						
TA-48D-BLK	Black	4" to 8"	1" to 1-1/4"	1.4 lb	10	26.43
TA-48D-GREEN	Green	4" to 8"	1" to 1-1/4"	1.4 lb	10	27.49
THREE PIECE DESIGN						
TA20-68D-BLK	Black	6" to 8"	2"		6	61.85

TORQUE ARRESTOR "SPIDER"

BII

- Unique wire guard feature
- Easily secured to drop pipes with stainless steel clamp (not included)
- Casing size clearly marked on torques for ease of cutting to size
- Molded from strong Styrene Butadiene Rubber (SBR)

1" to 2" Design

NO LEAD LEAD-FREE

PART NO.	FITS DROP PIPE IPS	FITS CASING ID	QUANTITY CASE	SUGGESTED CLAMP SIZE	LIST PRICE-A
TAS46-10	1"	4" to 6"	60	SSC8740	10.97
TAS46-12	1-1/4"	4" to 6"	60	SSC8740	10.44
TAS46-15	1-1/2"	4" to 6"	60	SSC8740	9.92
TAS46-20	2"	4" to 6"	60	SSC8740	9.39

See Section 4 for Clamps

CABLE TIES

NO LEAD LEAD-FREE

- Natural Nylon 6/6 is not UV resistant and used mainly indoors
- Black Nylon 6/6 is UV resistant for both indoors and outdoors applications
- Carbon has been added to Nylon 6/6 to make it UV resistant
- Must order in Bag Quantities
- Max Temp Rating -40 to 185°F (-40 to 85°C)
- Cable Tie NEMA Type 2, 21
- ANSI/UL 94 Mtl Flame Rating V-2
- ANSI/UL Standard 62275 Certified

NATURAL PART NO.	LIST PRICE-A	BLACK PART NO.	LIST PRICE-A	LENGTH	TENSILE STRENGTH	MAX. DIA.	APPROX. WIDTH	PCS/ BAG
CT018-04	0.02	CTW018-04	0.02	4.0"	18 lbs	5/8"	.10"	100
CT030-05.6	0.05	CTW030-05.6	0.05	5.6"	40 lbs	1 1/4"	.13"	100
CT040-08.5	0.07	CTW040-08.5	0.07	8.5"	40 lbs	2"	.13"	100
CT040-11.5	0.12	CTW040-11.5	0.12	11.5"	40 lbs	3"	.146"	100
CT040-14.5	0.15	CTW040-14.5	0.16	14.5"	50 lbs	4"	.146"	100
HEAVY DUTY LASHING CABLE TIES (ULTRA VIOLET LIGHT RESISTANT)								
		CTW120-14.2	0.32					100
		CTW120-24.2	0.60					50
		CTW175-36	0.71					50
		CTW175-41	1.44					50

SUPER-TIE ROPE HANGER

PART NO.	FITS CASINGS	ACCEPTS ROPE	WEIGHT	CTN	CASE	LIST PRICE-A
STRH-6	6" & 6-1/4" I.D.	1/4" - 3/8"	1.30 lb	5	40	35.95

NOTE: Brass easy tie rope adapters are available - See Section 4

SEAL WELL PRODUCTS CABLE GUARDS

Cable guards will keep the power cable from abrading against the well casing. One should be placed at the pump and one every 15 ft there after. Furnished in 6" size, tabs can be cut off to fit 4" and 5" well casing also.

PART NO.	MODEL	DROP PIPE	UNIT WEIGHT	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
WG-6	Snap-In	1 & 1-1/4	1.5 oz	100		1.29
WG-100	Self-Clamping	1	2.0 oz	48		3.10
WG-125	Self-Clamping	1-1/4	2.0 oz	48		9.32

Snap-in cable guard (WG-6) will fit 1" & 1 1/4" drop pipe while the self-clamping cable guard WG-100 will only fit 1" pipe and WG-125 will only fit 1-1/4" pipe.

PVC DROP PIPE COUPLINGS

- Machined using extruded PVC coupling stock
- Wall thickness is 30% heavier than Schedule 120 to ensure increased strength and reliability

Note: To be used in well depths no greater than 400'

PART NO.	SIZE	OVERALL LENGTH	QUANTITY CTN	QUANTITY CASE	WGT. PER 100 PCS.	LIST PRICE-A
28-PDPC-10	1"	2-3/4"	10	100	12 lbs	3.27
28-PDPC-12	1-1/4"	2-3/4"	10	100	14 lbs	4.32
28-PDPC-15	1-1/2"	2-3/4"	10	100	25 lbs	4.71
28-PDPC-20	2"	3"	10	100	34 lbs	5.88

STAINLESS STEEL DROP PIPE COUPLINGS

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

- Inside chamfer on both ends for trouble free starting of threads
- Separate taper to ensure proper watertight seal
- Flats on sides for ease of use with wrench
- Heavy duty construction 304 Stainless Steel

Third Party Certified to NSF / ANSI 372

PART NO.	SIZE	OVERALL LENGTH	QUANTITY CTN	QUANTITY CASE	WGT. PER 100 PCS.	LIST PRICE-A
28-SSDPC-10	1"	2-1/2"	10	50	72 lbs	**14.54**
28-SSDPC-12	1-1/4"	2-1/2"	10	50	87 lbs	**17.03**
28-SSDPC-15	1-1/2"	2-1/2"	10	50	116 lbs	**21.53**
28-SSDPC-20	2"	2-1/2"	5	25	134 lbs	**25.41**

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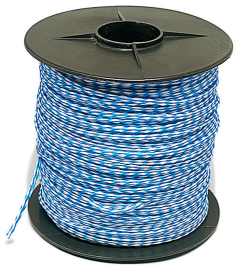
ROPE PERFORMANCE CHART



	NYLON	POLYPROPYLENE
Elongation (Stretch)	Most	Medium
Resistance To Shock Load	Greatest	Great
Mildew Resistance	Excellent	Excellent
Acid Resistance	Fair	Excellent
Alkali Resistance	Excellent	Excellent
Sunlight Resistance	Good	Good
Critical Temperature	350°F	250°F
Floatability	Sinks	Floats Indefinitely
Specific Gravity	1.14	.91
Abrasion Resistance	Very Good	Good

BRAIDED POLYPROPYLENE ROPE

- 100% monofilament fibers
- Floats on water, retains strength when wet, and may be stored wet without damage
- Lightweight flexibility
- High resistance to abrasion, mildew, oil, grease, gasoline, marine growth, and many chemicals
- Best for tie-downs, utility hand lines, pulling lines, ladder lines, marine uses
- Hollow braid monofilament

NO LEAD LEAD-FREE

PART NO.	DIA. INS	LENGTH	COLOUR	REEL	LBS/ REEL	TENSILE STRENGTH	LIST PRICE-A PER REEL
SRPB-1/4	1/4"	1000 ft	Blue & White	Plastic	8.0	975 lbs	69.69
SRPB-1/4-3000	1/4"	3000 ft	Blue & White	Plywood	28.0	975 lbs	188.87
SRPB-1/4-500	1/4"	500 ft	Blue & White	Plastic	4.5	975 lbs	41.58

TWISTED POLYPROPYLENE ROPE

FEATURES

- 3-Strand Twisted Polypropylene
- Waterproof
- Easy to Handle
- Resists most chemicals
- Resistant to colour fading
- Floatable
- Rot Resistant
- Resists Oil and Gasoline
- Resistant to Abrasion

NO LEAD LEAD-FREE

PART NO.	DIA. INS	LENGTH	COLOUR	REEL	LBS/ REEL	TENSILE STRENGTH	LIST PRICE-A PER REEL
SRPT-1/4	1/4"	1300 ft	Solid Yellow	Plastic	16.0	1130 lbs	126.85
SRPT-5/16	5/16"	975 ft	Solid Yellow	Plastic	19.0	1710 lbs	149.92
SRPT-3/8	3/8"	630 ft	Solid Yellow	Plastic	16.0	2440 lbs	166.38
SRPT-1/2	1/2"	335 ft	Solid Yellow	Plastic	17.4	3780 lbs	148.40
SRPT-04-1200BLK	1/4"	1200 ft	Black	Plastic	14.99	1120 lbs	132.06
SWIM LINE ROPE							
SRPT-04-600B	1/4"	600 ft	Blue & White	Plywood	8.2	1120 lbs	63.54
SRPT-06-300B	3/8"	300 ft	Blue & White	Plywood	9.4	1450 lbs	175.69
SRPT-06-600B	3/8"	600 ft	Blue & White	Plywood	18.8	1450 lbs	144.65
SRPT-08-300B	1/2"	300 ft	Blue & White	Plywood	15.1	3780 lbs	146.12
SRPT-08-600B	1/2"	600 ft	Blue & White	Plywood	30.2	3780 lbs	245.97
SRPT-12-300B	3/4"	300 ft	Blue & White	Plywood	34.6	7650 lbs	309.22

SOLID BRAID NYLON ROPE

- High elasticity and working strength
- Can be stored wet without damage
- Solid braid stays round, has uniform diameter, will not rotate
- Works well in pulleys, winches, general tie downs, tarp securing and marine uses

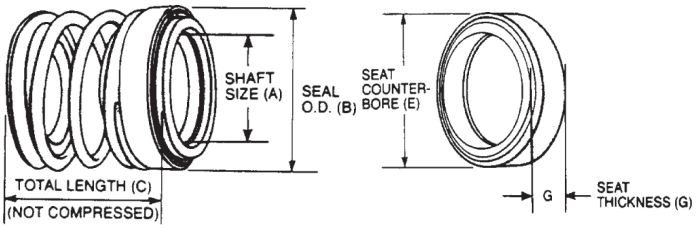
NO LEAD LEAD-FREE

PART NO.	DIA. INS	LENGTH	COLOUR	REEL	LBS/ 1000 FT	TENSILE STRENGTH	LIST PRICE-A PER REEL
SRNB-1/4	1/4"	1000 ft	White	Plastic	14.5	1200 lbs	202.42
SRNB-3/8	3/8"	1000 ft	White	Wood	39.0	2700 lbs	493.32

MECHANICAL SHAFT SEALS FOR PUMPS

MATERIAL SPECIFICATIONS

FLEXIBLE MEMBERS - BUNA-N-RUBBER
SEAL FACE - CARBON
METAL PARTS - STAINLESS STEEL
SEATS - CERAMIC (TEFLON® COATED)
SPRINGS - STAINLESS STEEL

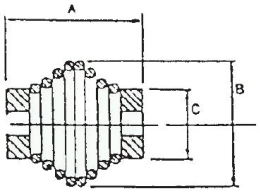


PART NO.	SHAFT SIZE(A)		O.D. (B)	SEAL WORKING MIN.	SEAL LENGTH MAX.(C)	SEAT COUNTER BORE DIA.(E)	SEAT THICK-NESS(G)	LIST PRICE-A
SS-1000	5/8"	.625"	1.219	.703	.735	1.187	.344	4.97
SS-2000	5/8"	.625"	1.219	.703	.735	1.250	.406	4.78
SS-2010	3/4"	.750"	1.344	.703	.735	1.375	.406	6.02

SEAL / PUMP REFERENCE

SEAL	SHAFT SIZE	PUMPS SERVICES
1000	.625	ACE, PEERLESS, STA-RITE, E.P.M., GOULDS
1010	.750	MYERS
2000	.625	BERKELEY, JACUZZI, SOUTHERN, MONARCH, E.P.M., WORTHINGTON, MYERS
2008	.625	MONARCH
2010	.750	DURO LITTLE GIANT, DURO BIG GIANT, BERKELEY HOMELITE, JACUZZI, MARLOW, SOUTHERN, MONARCH,E.P.M., RED JACKET
4000	.500	ARMSTRONG, ROPER, BELL AND GOSSETT
4022	.500	ARMSTRONG, (CANADIAN TIRE)
4145	.750	UPRIGHT, MULTI STAGE BEATTY OR STA-RITE
4705	.625	BEATTY, MCDOUGAL
5010	.625	WEINMAN, FAIRBANKS, EVERITE, MORSE, MCDOUGAL

CIRCULATOR COUPLINGS



FEATURES

- Easy to install
- Quiet running
- Long life (no wearing surfaces)
- Superior alignment capabilities
- Easier on pump and motor (Less rigidity puts less load on bearings and seals)

PART NO.	SHAFT SIZE	H.P. RATING	TORSION SPRING	END PIECES	A	B	C	QUANTITY CTN	LIST PRICE-A
24-15	1/2 x 1/2	1/12 - 1/3	#302 S.S.	Brass	1.20"	1.75"	1.00"	25	11.88

*5/8 x 1/2 Shaft Bushing can be removed for use with 5/8" Shaft

CROSS REFERENCE CHART

BOSHART PART NO.	EASYLINK PART NO.	B&G OLD PART NO.	B&G NEW PART NO.	ARMSTRONG PART NO.
24-15	10010	PZ-4291	118705	806026-001
		P2Z-12291	118723	806168-001
24-16	10023	PDZ-12291	118473	810120-003
				*807436-000
		P4Z-4291	118709	810120-006
				*806137-000

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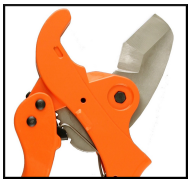
PIPE CUTTERS

- Cuts through 2" POLY, PVC, PEX, ABS and CPVC pipe or conduit
- Heavy duty cast metal handle
- Smooth ratcheting action handle for ease of use
- Stainless steel blade (replacement blades available)
- Latching handle for carrying in closed position

PART NO.	DESCRIPTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
28-PC-0120	Cuts up to 2" - Max O.D. 2.52" (64mm)	6	24	129.01
28-PCRBA-0120	28-PC-0120 Replacement Blade			21.26

- Cuts through 1-1/4" POLY, PVC, PEX, ABS and CPVC pipe or conduit
- Heavy duty cast metal handle
- Smooth ratcheting action for ease of use with quick release thumb lever to open
- Stainless steel blade (replacement blades available)
- Latching handle for carrying in closed position



PART NO.	DESCRIPTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
28-PC-0112	Cuts up to 1-1/4" - Max O.D. 1.66" (42mm)	6	24	40.31
28-PCRBA-0112	28-PC-0112 Replacement Blade			15.46

- Cuts through 1" POLY, PVC, PEX, ABS and CPVC pipe, tubing or conduit
- Heavy duty cast metal handle
- "Normally open" spring action handle for ease of use
- Stainless steel reversible blade (replacement blades available)
- Latching handle for carrying in closed position

PART NO.	DESCRIPTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
28-PC-0110	Cuts up to 1" - Max O.D. 1.315" (33mm)	12	72	15.59
28-PCRB-0110	28-PC-0110 Replacement Blade			8.59

- Cuts through 1" POLY, PVC, PEX and ABS pipe, tubing or conduit
- Durable nylon handle
- "Normally open" spring action handle for ease of use
- Stainless Steel blade (replacement blades available)
- Latching handle for carrying in closed position

PART NO.	DESCRIPTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
28-PCP-0110	Cuts up to 1" - Max O.D. 1.315" (33mm)	10	60	12.49
28-PCPRB-0110	28-PCP-0110 Replacement Blade			8.59

CONTRACTOR BINS - NUT DRIVER

Features:

- Plastic Storage Tote • Removeable Bins
- Clear Lid with latches to secure contents
- Great for storing a wide variety of items: gear clamps, push fit, Twistloc, flare & compression and other fittings
- **Gear Clamp Kits - Design your own mix of products to suit your customers needs!**

PART NO.	APPROXIMATE BIN SIZES & QUANTITY				BIN SIZE	LIST PRICE-A
	6" x 4" x 3-1/2"	4" x 3" x 3-1/2"	3" x 2" x 1-3/4"	2" x 1-1/2" x 1-3/4"		
28-CBD-09	3	6			deep	42.57
28-CBD-12		12			deep	43.42
28-CBS-30			18	12	shallow	30.14

Part No. 28-CBD-09

Part No. 28-CBD-12

Part No. 28-CBS-30

- Driver with Flexible Shaft and Reversible Socket

PART NO.	SIZE		LIST PRICE-A
28-FND	1/4" X 5/16" Dual Hex Nut		10.38

TAPE MEASURES

Features:

- Heavy duty construction rubber encapsulated for durability
- Belt Clip
- Locking Feature
- Imperial and Metric

PART NO.	DESCRIPTION	LIST PRICE-A
28-TM06	Swivel Key Chain - 6 Ft (2 Meters) Personalization available on orders of 3000	2.13
28-TM25	25 Ft (7.5 Meters) Personalization available on orders of 2000	12.35

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SECTION 10
CHECK & FOOT VALVES

PRODUCT LINE **PAGE**

Bronze or Brass Check Valve 1

Stainless Steel Check Valve 2

Swing Check Valve 2

Flomatic Check Valves 3

Plastic Check Valves 5

PVC In-Line Check Valves 5

Model 70 - Auto-Drain Valve 5

Iron Check Valves 6

Break Off Plug 7

Ball Check 7

Cast Iron Check Valves 8

Foot Valves 9

Bronze Foot Valves 9

Stainless Steel Foot Valves 9

Flomatic Foot Valves 9

Cast Iron Foot Valves 9

Seal Well Foot Valves 10

PVC Foot Valves 10

Cast Iron Flanged Foot Valves 11

Y-Strainer 11

NO LEAD CHECK VALVES

- Available in cast bronze or cast brass body and poppet
- NBR "O"-Ring Seal (Nitrile Buna-N)

BII

Pb NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

SIZE	NO LEAD BRONZE PART NO.	LIST PRICE-A	NO LEAD BRASS PART NO.	LIST PRICE-A	WGT lbs	QUANTITY CTN	QUANTITY CASE
1/2"	17CV050NL	14.66	17YBCV050NL	11.97	0.50	10	100
3/4"	17CV075NL	19.19	17YBCV075NL	16.20	0.50	10	80
1"	17CV100NL	26.93	17YBCV100NL	22.42	0.75	10	60
1-1/4"	17CV125NL	43.72	17YBCV125NL	30.78	1.25	5	40
1-1/2"	17CV150NL	49.66	17YBCV150NL	43.07	1.50	5	30
2"	17CV200NL	101.06	17YBCV200NL	70.44	2.75	5	20
3"			17YBCV300NL	303.10	9.55	6	
4"			17YBCV400NL	608.95	18.37	3	
MALE X FEMALE							
1-1/4" MPT X 1" FPT	17CVMF-125-100NL	46.16				10	60

Temp.Max. 180°F (80°C)
Pressure Max 200 PSI

NO LEAD BRASS CONTROL CENTRE CHECK VALVES

PART NO	SIZE	TAPPING(S) INLET SIDE	TAPPING(S) OUTLET SIDE	OUTER DIA.	LENGTH	WGT lbs	LIST PRICE-A
SERIES "A" Cast Brass body and poppet, NBR "O"-Ring Seal (Nitrile Buna-N)							
17YBCVA-100NL	1"	(1) 1/8" FPT	None	1.75"	3.25"	0.96	19.83
17YBCVA-125NL	1-1/4"	(1) 1/8" FPT	None	2.25"	3.87"	1.30	31.79
SERIES "B" Cast Brass body and poppet, NBR "O"-Ring Seal (Nitrile Buna-N)							
17YBCVB-100NL	1"	(1) 1/8" FPT	(1) 1/4" FPT	1.75"	3.25"	0.96	20.33
17YBCVB-125NL	1-1/4"	(1) 1/8" FPT	(1) 1/4" FPT	2.25"	3.87"	1.30	32.29
17YBCVB-150NL	1-1/2"	(1) 1/8" FPT	(1) 1/4" FPT	2.50"	4.25"	1.80	36.62
17YBCVB-200NL	2"	(1) 1/8" FPT	(1) 1/4" FPT	3.12"	5.00"	2.80	79.58
SERIES "C" Cast Brass body and poppet, NBR "O"-Ring Seal (Nitrile Buna-N)							
17YBCVC-100NL	1"	(1) 1/8" FPT	(2) 1/4" & (1) 1/8 FPT comes with plug	1.75"	3.25"	0.96	21.34
17YBCVC-125NL	1-1/4"	(1) 1/8" FPT	(2) 1/4" & (1) 1/8" FPT comes with plug	2.25"	3.87"	1.30	33.36

Pb NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

BII

Valves do not include items shown in pictures

Temp.Max. 180°F (80°C) Pressure Max 200 PSI

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STAINLESS STEEL CHECK VALVE

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

- #304 Stainless Steel body
- #304 Stainless Steel poppet
- Viton "O" Ring seal

BII

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

SIZE	PART NO.	WGT lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2"	17CVSS-050	0.40	10	100	23.58
3/4"	17CVSS-075	0.50	10	80	31.18
1"	17CVSS-100	0.75	10	60	43.97
1-1/4"	17CVSS-125	1.15	5	40	58.95
1-1/2"	17CVSS-150	1.40	5	30	79.74
2"	17CVSS-200	2.75	5	20	134.69
3"	17CVSS-300	8.75	6		570.45
4"	17CVSS-400	17.75	3		1071.36
MALE X FEMALE					
1-1/4" MPT X 1" FPT	17CVSSMF-125-100	0.80	10	60	58.55

Temp Max 180°F (80°C)
Pressure Max 200 PSI

FLOMATIC® VALVES MODEL 80SS - FEMALE X FEMALE STAINLESS STEEL CHECK VALVE

- #303 Stainless Steel body
- Stainless Steel spring and poppet
- Nitrile (Buna-N) seal

SIZE	PART NO	WEIGHT	CASE QTY	LIST PRICE-A
1"	17-4201SS2	1.10		77.07
1-1/4"	17-4202SS2	1.41	36	113.97

Temp Max 180°F (80°C)
Pressure Max 400 PSI

FLOMATIC® VALVES MODEL 80S6 - FEMALE x FEMALE STAINLESS STEEL CHECK VALVE

- #316 Stainless Steel Body
- Stainless Steel spring and poppet
- Viton seal

SIZE	PART NO	WEIGHT LBS	CASE QTY	LIST PRICE-A
1"	17-4031S6	1.10	50	142.46
1-1/4"	17-4032S6	1.39	36	215.28
1-1/2"	17-4033S6	1.20	25	278.59
2"	17-4034S6	3.97	16	406.81
3"	17-7938S6-PLG	10.01	5	1573.41
4"	17-7939S6-PLG	24.91	4	2345.87

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

Temp Max 400°F (200°C)
Pressure Max 400 PSI

NO LEAD BRASS SWING CHECK VALVE

- Max. Working Pressure 200 PSI Water, Oil & Gas (Cold Water, Non-shock)
- Cast Brass body, disc and cap
- Brass rod pin and screw
- Max. Working Temperature 180˚F (82˚C)
- Threads to ANSI B1.20.1
- CxC to ANSI B16.18

BII

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

SIZE	PART NO. IPS	LIST PRICE-A	QUANTITY CTN	QUANTITY CASE	PART NO. CXC	LIST PRICE-A	PORT SIZE INCH	QUANTITY CTN	QUANTITY CASE
1/2"	08060311NL	12.84	10	120	08060312NL	12.84	0.52	10	120
3/4"	08060411NL	16.97	10	80	08060412NL	16.97	0.75	10	80
1"	08060511NL	22.46	5	60	08060512NL	22.46	0.93	5	60
1-1/4"	08060611NL	37.90	5	40	08060612NL	37.90	1.25	5	40
1-1/2"	08060711NL	49.00	5	30	08060712NL	49.00	1.38	5	30
2"	08060811NL	80.82	2	24	08060812NL	80.82	1.81	2	24
2-1/2"	08060911NL	138.81	15		08060912NL	138.81	2.36	15	
3"	08061011NL	197.27	6		08061012NL	197.27	2.56	6	
4"	08061111NL	300.24	4				3.54		

FLOMATIC® VALVES MODEL 80E - FEMALE x FEMALE CHECK VALVE

- Lead free bronze (FEDERALLOY #1) body
- Threaded female x female connection
- Non-Spin Acetal poppet
- Nitrile (Buna-N Seal)
- Stainless steel spring

SIZE	PART NO.	WGT lbs	CASE QTY	LIST PRICE-A
1/2"	17-4029E	0.2	100	75.14
3/4"	17-4030E	0.7	100	76.09
1"	17-4031E	1.3	50	84.38
1-1/4"	17-4032E	1.6	36	111.17
1-1/2"	17-4033E	2.5	25	155.13
2"	17-4034E	3.1	16	250.10
2-1/2"	17-4035E *	6.5		1062.13
3"	17-4036E *	13.0		1282.16
4"	17-4037E *	24.0		2231.90

* 2-1/2" to 4" Unleaded Bronze Poppet

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

Temp Max 180°F (80°C)
Pressure Max 400 PSI

FLOMATIC® VALVES MODEL GF8080E/GF8080S6 - DUAL CHECK VALVE WITH SINGLE UNION

Design for installation on potable water lines to protect against both back-siphonage and backpressure of polluted water into the potable water supply

- Acetal poppet
- Nitrile (Buna-N) o-ring seal
- Stainless steel spring
- Complies with ASSE 1024

SIZE	PART NO.	WGT lbs	CASE QTY	LIST PRICE-A
No Lead Brass Body				
1/2"	17-GF8089E	2		108.82
3/4"	17-GF8080E	2	25	118.28
1"	17-GF8081E	2		142.46
316 Stainless Steel Body				
3/4"	17-GF8080S6	2		227.07
1"	17-GF8081S6	2		221.09

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

Temp Max 180°F (80°C)
Pressure Max 175 PSI

FLOMATIC® VALVES MODEL 100ME - MALE x FEMALE CHECK VALVE

- Submersible pump check valve
- Hex shaped for easy wrenching
- Nitrile (Buna-N Seal)
- Lead free bronze (FEDERALLOY #1) body
- Stainless Steel spring
- Threaded male x female connection
- Non spin acetal poppet

SIZE	PART NO.	WGT lbs	CASE QTY	LIST PRICE-A
1-1/4" M x 1" F	17-4221LE *	1.1	50	82.31
1-1/4" M x 1-1/4" F	17-4242E	1.5	36	109.22
1-1/2" M x 1-1/4" F	17-4223E	1.5	36	156.13

* Longer threads for use with PVC pipe.

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

Temp Max 180°F (80°C)
Pressure Max 400 PSI

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FLOMATIC® VALVES MODEL 80ME - MALE x FEMALE CHECK VALVE

- Submersible pump check valve
- Lead free bronze (FEDERALLOY #1) body
- Non-spin acetal poppet
- Nitrile (Buna-N Seal)

SIZE	PART NO.	WGT lbs	CASE QTY	LIST PRICE-A
1" M x 1" F	17-4071E	0.7	49	98.87
2" M x 2" F	17-4079E	2.5	16	255.48

NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

Temp Max 180°F (80°C)
Pressure Max 400 PSI

FLOMATIC® VALVES MODEL 100XLE - CHECK VALVE WITH X-LONG THREADS

- Extra length threads (MPT x FPT) specially designed with extended pipe lead-in for installing PVC drop pipe
- Lead free bronze (FEDERALLOY #1) body
- Acetal poppet c/w Nitrile (Buna-N) seal
- Hex shaped for easy wrenching
- Stainless Steel spring
- Full-ported field proven design

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1" MPT X 1" FPT	17-4201XLE		36	94.97
1-1/4" MPT X 1-1/4" FPT	17-4242XLE		36	125.05

NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

Temp Max 180°F (80°C)
Pressure Max 400 PSI

FLOMATIC® VALVES MODEL 80HTE - FEMALE x FEMALE HIGH TEMPERATURE CHECK VALVE

- Threaded female x female connections
- High temperature nickel plated poppet
- EPDM seal, stainless steel spring
- Ideal for hot water applications

SIZE	PART NO.	WGT lbs	LIST PRICE-A
3/4"	17-4030HTE	0.8	142.46
1"	17-4031HTE	1.4	144.04
1-1/4"	17-4032HTE	1.7	197.86
1-1/2"	17-4033HTE	2.7	262.76
2"	17-4034HTE	4.0	354.83

NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

Temp Max 300°F (145°C)
Pressure Max 100 PSI

FLOMATIC® VALVES MODEL 100E - FEMALE x FEMALE CHECK VALVE

- Lead free bronze (FEDERALLOY #1) body
- Hex shaped for easy wrenching
- Non-Spin Acetal poppet
- Nitrile (Buna-N Seal)
- Stainless Steel spring

SIZE	PART NO.	WGT lbs	CASE QTY	LIST PRICE-A
1"	17-4201E	1.1		72.01
1-1/4"	17-4202E	1.4	36	127.27

NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

Temp Max 180°F (80°C)
Pressure Max 400 PSI

FLOMATIC® VALVES MODEL 297D - FEMALE x FEMALE PLASTIC CHECK VALVE

- Plastic (Acetal) body / Stainless Steel spring
- Nylon 11 poppet c/w VITON seal
- Threaded female x female connection

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

SIZE	PART NO.	WGT oz	CASE QTY	LIST PRICE-A
3/8"	175359	0.04 oz	10	43.53
1/2"	175239	0.06 oz		56.77

FLOMATIC® VALVES MODEL 290P - FEMALE x FEMALE PLASTIC CHECK VALVE

- Polypropylene body / Stainless Steel spring
- Polypropylene poppet c/w viton seal
- Threaded female x female connection

SIZE	PART NO.	WGT oz	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2"	175357	0.06 oz		10	58.57
3/4"	175358	0.06 oz		10	70.97

Temp Max 200°F (90°C)
Pressure Max 150 PSI

SEAL WELL PRODUCTS PVC CHECK VALVES

- One piece "Extra Heavy Duty" valve body molded from Rigid PVC, listed under NSF61 & NSF14 (ASTM D-1784) provides superior tensile strength.
- FPT threads to ASME /ANSI B 1.20.1 specifications.
- Robust stainless steel poppet and hardware.
- NBR Sealing Gasket ensures a positive seal.
- Flow diverter minimizes turbulence and friction loss.
- Stainless Steel spring closes valve against pressure, eliminating flow reversal & minimizing hydraulic shock.
- Stemless acetal poppet guide for long-lasting, quiet, trouble free operation in both vertical and horizontal installations.

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

PART NO.	SIZE	OUTSIDE DIA.	LENGTH	WEIGHT LBS	CARTON QTY	LIST PRICE-A
17PCV075	3/4"	1.599"	2.905"	0.161	20	7.52
17PCV100	1"	1.912"	3.455"	0.255	20	8.38
17PCV125	1-1/4"	2.364"	3.920"	0.436	20	10.70
17PCV150	1-1/2"	2.660"	4.012"	0.53	20	15.30
17PCV200	2"	3.288"	4.646"	0.92	10	23.09

Ratings: Max. Working Pressure: 150 psi at 73°F (1034 kPa @ 22°C), Designed for cold water applications, for hot water applications, special high temperature valves must be used - Consult Factory.

PVC IN-LINE CHECK VALVES

- Durable PVC body / 304 Stainless Steel spring
- PVC poppet c/w EPDM seal

NO LEAD LEAD-FREE

Max. Working Pressure: 100 PSI at 73°F (23°C)
Temp Max 140°F (60°C)

SIZE	PART NO. THREADED	LIST PRICE-A	PART NO. SOCKET	LIST PRICE-A	WGT lbs each	CASE QTY
1/2"	1710-05	5.72	1710S-05	5.72	0.19	
3/4"	1710-07	6.26	1710S-07	6.26	0.20	
1"	1710-10	9.15	1710S-10	9.15	0.40	
1-1/4"	1710-12	12.23	1710S-12	12.23	0.69	
1-1/2"	1710-15	12.65	1710S-15	12.65	0.70	
2"	1710-20	15.30	1710S-20	15.30	1.34	
3"	1710-30	162.18			3.11	

FLOMATIC® VALVES MODEL 70 - AUTO-DRAIN VALVE™

- Designed for use in domestic well water systems, irrigation and sprinkler systems, agricultural watering
- Provides automatic drainage of water lines when line pressure drops below 10 PSI approx. 5 gpm in a closed water system
- PVC body with stainless steel spring, fasteners and valve disc.
- 1" MPT Connection
- Max Pressure: 400 PSI (27bar)
- Max Temperature: 180°F (80°C)

PART NO.	CTN	CASE	LIST PRICE-A
17-4501P		12	74.12

Also available in stainless steel

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FLOMATIC® VALVES MODEL 80 DI - DUCTILE IRON CHECK

- Designed for vertical applications
- High strength epoxy coated ductile iron body, disc and follower
- Threaded female x female connection
- Features a NITRILE (Buna-N) seal, Stainless Steel spring fasteners
- Ductile iron poppet

Note: 1" through 1 1/2" features acetal poppet. 1" - 2" cast steel body

SIZE	PART NO.	WGT lbs	CASE QTY	LIST PRICE-A
1"	174031DI	0.2	49	51.76
1-1/4"	174032DI	0.7	36	71.97
1-1/2"	174033DI †	1.3	25	98.36
2"	177937	5.0	16	184.42
2-1/2"	177936 †	7.0		440.05
3"	177938	10.0	5	618.92
4"	177939	19.0	4	962.41
5"	174088 †	48.0		1785.52
6"	174089 †	63.0		2216.07
8"	174090 †	92.0		3912.95

NO LEAD LEAD-FREE

Temp Max 180°F (80°C)
Pressure Max 400 PSI

† NON STOCK ITEM PLEASE CALL FOR DELIVERY
To order model 80DI with break off plug add "PLG" to part number
Contact Sales Rep for pricing and delivery.
List price above does not include break off plug.

FLOMATIC® VALVES MODEL 80DI-VFD CHECK VALVE FOR USE WITH VFD CONTROL PUMPS

New special patent-pending submersible pump check valve for use with variable-frequency drive (VFD) control pumps. Standard check valves will chatter and be noisy when a VFD switches to low flow causing eventual failure. The unique Model 80DI-VFD unit is designed to minimize flow losses and hydraulic shocks in the pumping system. This new, exclusive poppet system insures that the valve smoothly and automatically adjusts to flow and is noiseless at even very low flows.

FEATURES:
- Designed for vertical or horizontal applications
- High strength epoxy coated ductile iron body and poppet.
- Stainless steel guide with threaded female x female 8 round connection.
- Nitrile (Buna-N) seal, stainless steel spring fasteners.

SIZE	PART NO.	WEIGHT lbs	LIST PRICE-A
2"	177937VFD	3	221.61
2-1/2"	177936VFD	9	504.95
3"	177938VFD	15	745.44
4"	177939VFD	25	1146.82
5"	174088VFD	46	2129.80
6"	174089VFD	66	2621.30
8"	174090VFD	93	4587.27

NO LEAD LEAD-FREE | Third Party Certified to NSF / ANSI 372

Temp Max 180°F (80°C)
Pressure Max
2" - 3" 400PSI
4" - 8" 600PSI

To order model 80DI-VFD with break off plug, add -PLG to part number.
Contact sales rep for pricing and delivery.

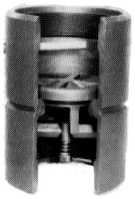
FLOMATIC® VALVES MODEL 80DIX - DUCTILE IRON CHECK

- Similar to model 80DI but features a double-guided ductile iron poppet
- Designed for vertical and horizontal applications

SIZE	PART NO.	WGT lbs	LIST PRICE-A
3"	177938DIX	10.0	587.26
6"	174089DIX	48.0	1671.55
10"	174091DIX	148.0	6358.54

NO LEAD LEAD-FREE | Third Party Certified to NSF / ANSI 372

Temp Max 180°F (80°C)
Pressure Max 400 PSI



To order Model 80DIX with break off plug, add PLG to part number.
Contact sales rep for pricing and delivery.
List price above does not include break off plug.

FLOMATIC® VALVES MODEL 80MDI - DUCTILE IRON CHECK

Similar to model 80DI but features

- Male threaded inlet and female threaded outlet
- 80MDIX Doubled Guided poppet
- Ideal for submersible pumps

NOTE: Port hole one size smaller

SIZE	PART NO.	WGT lbs	CASE QTY	LIST PRICE-A
2" MPT x 2" FPT	174084 †	4.0	16	379.90
3" MPT x 3" FPT	174083 †	8.0	5	652.16
4" MPT x 4" FPT	174077 †	14.0		919.67
5" MPT x 5" FPT	174075 †	48.0		1614.57
6" MPT x 5" FPT	174087 †	48.0		1622.77
6" MPT x 6" FPT	174081 †	40.0		1858.33

† **NON STOCK ITEM PLEASE CALL FOR DELIVERY**

To order Model 80MDI with break off plug add PLG to part number.

Contact sales rep for pricing and delivery.

List price above does not include break off plug.

Temp Max 180°F (80°C)
Pressure Max 400 PSI

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

FLOMATIC® VALVES BREAK OFF PLUG

- Replacement break-off plug
- Stainless steel construction
- Threaded 3/8" to install into valve
- When broken off, riser pipe drains

SIZE	PART NO.	WGT lbs	LIST PRICE-A
3"	1776098-6	0.20	109.22
4"	1776098-7	0.25	109.22
5" , 6" , 8"	1776098 †	0.30	109.22
10"	1776098-11 †	0.45	142.46

† **NON STOCK ITEM PLEASE CALL FOR DELIVERY**

FLOMATIC® VALVES MODEL 508 - BALL CHECK

- Cast iron body with epoxy coating
- Threaded female x female connection
- Corrosion resistant phenolic "Sinking" ball
- 2 bolt access cover

SIZE	PART NO.	WGT lbs	LIST PRICE-A
1"	173232 †	3.0	485.81
1-1/4"	173233	4.2	469.17
1-1/2"	173234	5.4	499.31
2"	173235	8.0	607.26
2-1/2"	173236 †	13.8	1454.74
3"	172044 †	30.0	1416.95
4" *	172045 *	45.0	2593.69

† **NON STOCK ITEM PLEASE CALL FOR DELIVERY**

* CONNECTION IS FLANGED ANSI 125

NOTE: 3" and 4" have no access cover

Temp. Max 180°F (80°C)
Pressure Max 150 PSI

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

FLOMATIC® VALVES MODELS 208T/208S - PVC BALL CHECK

- Corrosion resistant PVC body
- Threaded female x female connection
- NITRILE (Buna-N) self-cleaning ball
- E-Z access port with nitrile (Buna-N) seal

SIZE	PART NO.	WGT lbs	LIST PRICE-A
1"	172131T	1.0	128.95
1-1/4"	172132T	1.0	115.39
1-1/2"	172133T	2.0	184.71
2"	172134T	2.0	188.31

Also available with socket weld (slip) (Model 208S)

Contact your Sales Rep for information

Temp. Max 150°F (65°C)
Pressure Max 100 PSI

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

FLOMATIC® VALVES MODEL 208 - BALL CHECK

- Cast iron body with epoxy coating and clean-out port
- Threaded female x female connection
- Features NITRILE (Buna-N) "Sinking" ball

SIZE	PART NO.	WGT lbs	LIST PRICE-A
1-1/4"	172141	4.5	245.60
2"	172142	9.0	334.73

Temp. Max 180°F (80°C)
Pressure Max 150 PSI

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

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FLOMATIC® VALVES CAST IRON WAFER SPLIT DISC STYLE CHECK VALVE - MODEL 895

- Cast iron body with epoxy coating and split disc design
- Nitrile (Buna-N) seal, PTFE bearing
- Stainless steel spring hinge pin
- Lifting ring standard above 4"
- Sizes 2" to 12" stainless steel disc
- Sizes 14" to 18" bronze disc

Wafer connection ANSI 125
Temp Max 180°F (80°C)
Pressure Max: 200 PSI

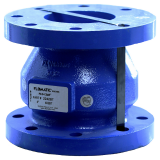
NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

SIZE	PART NO.	WGT lbs	LIST PRICE-A	SIZE	PART NO.	WGT lbs	LIST PRICE-A
2"	18SDCVCI-2 †	5	578.92	6"	18SDCVCI-6	21	1536.46
2-1/2"	18SDCVCI-2.5 †	7	672.20	8"	18SDCVCI-8 †	40	2285.48
3"	18SDCVCI-3 †	9	724.33	10"	18SDCVCI-10 †	65	3454.29
4"	18SDCVCI-4	12	921.87	12"	18SDCVCI-12 †	105	5188.29
5"	18SDCVCI-5 †	17	1536.46				

† NON STOCK ITEM PLEASE CALL FOR DELIVERY

FLOMATIC® VALVES CAST IRON GLOBE STYLE SILENT CHECK VALVE - MODEL 402

- Cast iron body with epoxy coating, unleaded bronze disc (up to and including 12") and seat
- Metal to metal seating with stainless steel spring and fasteners



Flanged connection ANSI 125
Temp Max 180°F (80°C)
2" - 12" 200 PSI, 14" - 16" 150 PSI

NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

SIZE	PART NO.	WGT lbs	LIST PRICE-A	SIZE	PART NO.	WGT lbs	LIST PRICE-A
2"	18GSCVCI-2 †	13	**938.82**	6"	18GSCVCI-6 †	75	**2871.69**
2-1/2"	18GSCVCI-2.5 †	18	**1187.33**	8"	18GSCVCI-8 †	116	**4694.11**
3"	18GSCVCI-3 †	23	**1325.40**	10"	18GSCVCI-10 †	194	7202.15
4"	18GSCVCI-4	40	1799.85	12"	18GSCVCI-12 †	306	12387.69
5"	18GSCVCI-5 †	51	3004.32				

† NON STOCK ITEM PLEASE CALL FOR DELIVERY

FLOMATIC® VALVES CAST IRON WAFER STYLE SILENT CHECK VALVE

- Cast iron body with epoxy coating, unleaded bronze disc and seat
- Metal to metal seating with stainless steel spring and fasteners

Wafer connection ANSI 125/250
Temp Max 180°F (80°C)
Pressure Max 200 PSI ANSI 125
400 PSI ANSI 250

NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

SIZE	PART NO.	WGT lbs	LIST PRICE-A	SIZE	PART NO.	WGT lbs	LIST PRICE-A
2"	18WSCVCI-2	5	625.56	5"	18WSCVCI-5 †	25	1810.83
2-1/2"	18WSCVCI-2.5 †	7	699.64	6"	18WSCVCI-6 †	36	1728.52
3"	18WSCVCI-3	11	724.33	8"	18WSCVCI-8 †	80	3097.61
4"	18WSCVCI-4	18	960.29	10"	18WSCVCI-10 †	129	**4859.78**

† NON STOCK ITEM PLEASE CALL FOR DELIVERY
NOTE: 2" - 6" are both ANSI 125/250
8" 250# Flanged
10" ANSI 125 only

NO LEAD FOOT VALVES

- Available in cast bronze or cast brass body and poppet
- NBR "O" Ring seal (Nitrile Buna-N)
- Stainless steel screen

BII

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

SIZE	NO LEAD BRONZE PART NO.	LIST PRICE-A	NO LEAD BRASS PART NO.	LIST PRICE-A	QUANTITY CTN	QUANTITY CASE	WGT lbs
1/2"	17FV050NL	15.92	17YBFV050NL	11.74	10	100	0.25
3/4"	17FV075NL	18.53	17YBFV075NL	14.41	10	80	0.50
1"	17FV100NL	25.35	17YBFV100NL	19.87	10	60	0.50
1-1/4"	17FV125NL	33.25	17YBFV125NL	27.88	5	40	1.00
1-1/2"	17FV150NL	46.17	17YBFV150NL	39.85	5	30	1.50
2"	17FV200NL	80.35	17YBFV200NL	62.19	5	20	2.25
3"	17FV300NL	356.75	17YBFV300NL	244.01	8		6.34
4"			17YBFV400NL	431.69	4		12.68

Temp Max 180°F (80°C)
Pressure Max 200 PSI

STAINLESS STEEL FOOT VALVE

Boshart recommends - Using both Gray Stainless Steel PTFE Tape & Gray Magic Pipe Thread Compound together for joining stainless steel threaded connections.

- #304 Stainless steel body and poppet
- #304 Stainless steel screen
- Viton "O" Ring seal

BII

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

SIZE	PART NO.	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1/2"	17FVSS-050	10	100	26.38
3/4"	17FVSS-075	10	80	30.84
1"	17FVSS-100	10	60	43.45
1-1/4"	17FVSS-125	5	40	55.08
1-1/2"	17FVSS-150	5	30	72.15
2"	17FVSS-200	5	20	129.18
3"	17FVSS-300	8		593.07
4"	17FVSS-400	4		976.32

Temp Max 180°F (80°C)
Pressure Max 200 PSI

FLOMATIC® VALVES MODEL 60SE - FOOT VALVE

- Threaded female connection
- Acetal poppet, Nitrile (Buna-N) seal
- Stainless steel spring and screen
- 2 1/2" , 3" and 4" have bronze poppets

SIZE	PART NO.	WGT lbs	CASE QTY	LIST PRICE-A
3/4"	17-4100E	0.3	100	68.07
1"	17-4101E	0.8	49	75.82
1-1/4"	17-4102E	0.8	49	88.04
1-1/4"	17-4103E	1.0	36	93.91
1-1/2"	17-4104E	1.6	25	144.95
2"	17-4105E	2.1	16	227.18
2-1/2"	17-4106E	6.0		752.32
3"	17-4107E †	10.3		1037.12
4"	17-4108E †	19.0		1728.54

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

Temp Max 180°F (80°C)
Pressure Max 250 PSI

† **NON STOCK ITEM PLEASE CALL FOR DELIVERY**
Model 17-4102E will pass through a 2" pipe

FLOMATIC® VALVES MODEL 63 - CAST IRON FOOT VALVE

- Threaded female connection
- Stainless steel spring
- Nitrile (Buna-N) seal
- Cast iron body with epoxy coating
- Acetal poppet (2") Unleaded bronze poppet (2 1/2") Ductile iron poppet (3" - 6")
- Heavy duty polyethylene screen

SIZE	PART NO.	WGT lbs	LIST PRICE-A
2"	174764	4.0	288.09
2-1/2"	174765	5.0	433.50
3"	174766	9.0	518.55
4"	174767	17.0	663.97
6"	174789	63.0	2738.19

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

Temp Max 180°F (80°C)
Pressure Max 250 PSI

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SEAL WELL PRODUCTS PVC FOOT VALVES

- One piece "Extra Heavy Duty" valve body molded from Rigid PVC, listed under NSF61 & NSF14 (ASTM D-1784) provides superior tensile strength.
- FPT threads to ASME /ANSI B 1.20.1 specifications.
- Robust stainless steel poppet and hardware.
- NBR Sealing Gasket ensures a positive seal.
- Flow diverter minimizes turbulence and friction loss.
- Stainless Steel spring closes valve against pressure, eliminating flow reversal & minimizing hydraulic shock.
- Stemless acetal poppet guide for long-lasting, quiet, trouble free operation in both vertical and horizontal installations.
- Polypropylene screen with high open area ensures flow is not restricted.
- Small holes prevent flat pieces of debris/scale from passing thru and into the pumps impeller, a common problem with slotted type screens.
- Tapered screen with rounded nose cone prevents hang-ups on casing during installation.

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

PART NO.	SIZE	OUTSIDE DIA.	LENGTH	WEIGHT LBS	CARTON QTY	LIST PRICE-A
17PFV075	3/4"	1.598"	3.748"	0.12	20	8.78
17PFV100	1"	1.875"	4.364"	0.175	20	9.27
17PFV125	1-1/4"	2.224"	4.928"	0.285	20	10.94
17PFV150	1-1/2"	2.510"	5.330"	0.36	20	12.12
17PFV200	2"	3.088"	6.086"	0.575	10	17.88
2 in 1 Insert Barb						
17PFVB100125	1" - 1-1/4"	2.04"	7.00"	0.243	20	12.90
4 in 1 MPT Thread						
17PFVM075150	3/4" - 1-1/2"	2.04"	7.45"	0.307	20	13.40

Ratings: Max. Working Pressure: 150 psi at 73°F (1034 kPa @ 22°C), Designed for cold water applications, for hot water applications, special high temperature valves must be used - Consult Factory.

FLOMATIC® VALVES MODEL 193D - PLASTIC FOOT VALVE

- One piece acetal body and strainer
- Stainless steel spring
- Nylon 11 poppet
- Nitrile Buna-N seal

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372

Temp Max 140°F (60°C)
Pressure Max 150 PSI

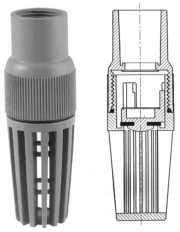
SIZE	PART NO.	WGT lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
3/8"	175619	0.03		10	29.35
1/2"	175620	0.03		10	50.54

PVC FOOT VALVE

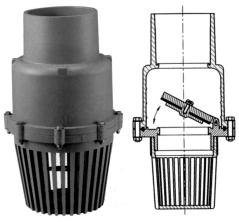
- Injection molded PVC body and poppet with screen
- Durable 304 Stainless Steel spring for long lasting operation
- NBR Buna-N seal
- Alkali and acid resistant
- Every Foot Valve is pressure and leak tested
- Tapered screen for easier installation
- Threading: ANSI B1.20.1

NO LEAD LEAD-FREE

Temp Max 140°F (60°C)
Pressure Max 150 PSI at 73°F (22°C)



3" Poppet Design



* Flapper Design

SIZE	PART NO.	ENTERS STANDARD SCHEDULE 40 PIPE SIZE	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
2-1/2"	17PFV-250	6"	12		76.85
3"	17PFV-300	6"	12		109.46
3"	17PFVF-300 *	8"	6		109.46
4"	17PFVF-400 *	8"	6		193.72
6"	17PFVF-600 *	12"	2		796.77

CAST IRON FLAPPER FOOT VALVE

- Cast iron body and strainer
- Hinged leather seat
- Threaded female connection

Temp Max 180°F (80°C)
Pressure Max 250 PSI

Note: Replacement Valve Leathers are available. See section 12 for part numbers and pricing.

SIZE	PART NO.	WGT lbs	VALVE LEA. O.D.	LIST PRICE-A
2"	174964	6.0	4-1/4"	162.17
3"	174966	13.0	5"	359.80
4"	174967	20.0	7-1/4"	507.81
6"	174969	45.0	9-3/4"	1081.12

NO LEAD LEAD-FREE

FLOMATIC® VALVES CAST IRON FLANGED FOOT VALVE

- Cast iron body with epoxy coating, unleaded bronze disc and seat
- Flanged connection ANSI 125
- Vulcanized Nitrile (Buna-N) seal and stainless steel strainer

Temp Max 180°F (80°C)
Pressure Max 200 PSI

SIZE	PART NO.	WGT lbs	LIST PRICE-A
2"	18FLFVCI-2 †	23	2686.06
2-1/2"	18FLFVCI-2.5 †	30	2713.49
3"	18FLFVCI-3 †	37	2740.93
4"	18FLFVCI-4 †	63	3234.79
5"	18FLFVCI-5 †	80	4376.16
6"	18FLFVCI-6	100	4927.64
8"	18FLFVCI-8 †	160	7128.07
10"	18FLFVCI-10 †	260	9890.95
12"	18FLFVCI-12 †	410	13965.30

† **NON STOCK ITEM PLEASE CALL FOR DELIVERY**

NO LEAD LEAD-FREE

FLOMATIC® VALVES NO LEAD BRONZE Y-STRAINER

- 20 Mesh Stainless Steel strainer
- Cast No Lead Bronze body
- Comes with clean-out plug
- Valves are not rated for steam application

Temp Max 180°F (80°C)
Pressure Max 200 PSI

NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

SIZE	PART NO.	WGT lbs	LIST PRICE-A
1/2"	16YS-S-05	1.0	32.54
3/4"	16YS-S-07	2.0	57.53
1"	16YS-S-10	2.0	83.57
1-1/4"	16YS-S-12	3.0	121.22
1-1/2"	16YS-S-15	4.0	177.41
2"	16YS-S-20	8.0	289.65

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SECTION 11
PITLESS ADAPTERS, WELL CAPS & WELL SEALS

PRODUCT LINE **PAGE**

Pitless Adapters 1

Stainless Steel Pitless Adapters 1

Industrial Pitless 5

Well Caps 7

Well Seals 12

Gromet Kits 14

PVC Well Seal Air Vent 14

Zinc Plated Steel Air Vent 14

NO LEAD BRONZE PITLESS ADAPTERS

PART NO.	MAKE	SIZE	DROP PIPE SIZE	CASING SIZE	HOLE SAW SIZE	WORKING LOAD-lbs	SHIPPING WGT-lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PA-800NL	BII	1"	1"	5" - 12"	1-3/4"	900	2.91	16		97.66
JR-S-10NL	DICKEN	1"	1"	4-1/2" - 12"	1-3/4"	1500	3.00	12		144.16
PA-100NL *	BII	1"	1"	5" - 12"	1-3/4"	2000	2.95	16		108.51
P-100NL	SEALWELL	1"	1"	5" - 12"	1-3/4"	2000	3.25	16		120.16
LD-S-10NL	DICKEN	1"	1"	5" - 12"	1-3/4"	2000	4.50	12		222.96
PA-125NL *	BII	1-1/4"	1-1/4"	5" - 12"	2-1/8"	2000	4.90	10		188.63
LD-S-12NL	DICKEN	1-1/4"	1-1/4"	5" - 12"	2-1/8"	2000	5.50	8		352.52
PA-200NL *	BII	2"	2"	5-5/8" - 12"	3-1/8"	5000	14.25	4		448.40
S-20NL	DICKEN	2"	2"	5-5/8" - 12"	3-1/8"	5000	14.25	4		701.57

Note: 1-1/2" Pitless Adapter available in stainless steel (P-150-SS)

* WATER SYSTEMS COUNCIL LISTED PAS-97 (2012)

NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

PRESSURIZED PITLESS ADAPTERS

- For installations requiring a pressurized point of attachment. A small hole between the internal and external gaskets ensures positive pressure at the seal to the well casing. Pressurized pitless are stamped with a "P" on the top of the slide portion of the pitless for identification after installation
- Approved for use in the State of Illinois

NO LEAD <0.25% Pb by weighted avg. Third Party Certified to NSF / ANSI 372

* WATER SYSTEMS COUNCIL LISTED PAS-97 (2012)

PART NO.	SIZE	DROP PIPE CONNECTION	WELL CASING SIZE RANGE	HOLE SAW SIZE	WORKING LOAD-lbs	SHIPPING WGT-lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PA-100-PNL *	1"	1"	5" - 12"	1-3/4"	2000	2.95	16		115.42
PA-125-PNL *	1-1/4"	1-1/4"	5" - 12"	2-1/8"	2000	4.90	10		198.48

STAINLESS STEEL PITLESS ADAPTERS

- #304 Stainless Steel
- Large gasket for more efficient sealing on casing
- Chamfered slide for easy installation

* WATER SYSTEMS COUNCIL LISTED PAS-97 (2012)

NO LEAD LEAD-FREE Third Party Certified to NSF / ANSI 372

PART NO.	MAKE	SIZE	DROP PIPE SIZE	CASING SIZE	HOLE SAW SIZE	WORKING LOAD-lbs	SHIPPING WGT-lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
P-800-SS	BII	1"	1"	5" - 12"	1-3/4"	6000	2.65	18		**103.99**
P-100-SS *	BII	1"	1"	5" - 12"	1-3/4"	6000	3.25	18		131.55
P-125-SS *	BII	1-1/4"	1-1/4"	5" - 12"	2-1/8"	6000	4.90	8		189.68
P-150-SS *	BII	1-1/2"	1-1/2"	5" - 12"	2-1/2"	6000	9.42	4		374.75
P-200-SS *	BII	2"	2"	5" - 12"	3-1/8"	6000	13.30	4		486.33

TAPPED PITLESS ADAPTERS - FOR UNDERGROUND TANKS / DIRTY WATER

- 1-1/4" and 2" Tapped Pitless are for dirty water applications. The 1/4" FPT tapping provides a means to connect a 1/4" pipe to the pitless to allow easy removal of the pitless unit and pump. The pipe is guided by a rail/guide system that aligns the pitless elbow with the pitless slide when reinstalling (railing or guide system not included).

PART NO.	SIZE	TAPPING	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
1-1/4" units are used with grinder pumps					
PA-125-TNL	1-1/4" Bronze	1/4"	10		203.42
P-125-SS-T	1-1/4" Stainless Steel	1/4"	8		215.32
2" units are used with all other sewage pumps					
PA-200-TNL	2" Bronze	1/4"	4		463.12
P-200-SS-T	2" Stainless Steel	1/4"	4		528.54

Also Available:

- 1" Tapped Pitless are for underground water well tank installations. The 1/4" FPT tapping provides a means to connect poly tubing to the pressure switch which is located near the buried tank.

PA-800-TNL	1" Bronze	1/4"	16		115.44
P-100-SS-T	1" Stainless Steel	1/4"	16		**183.51**

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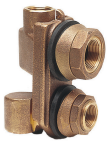
CONCRETE TILE PITLESS ADAPTER

Manufactured to the same specifications as a PA-100NL & PA-125NL pitless adapter with an extended shank to allow the pitless slide to be installed through a cement casing with a maximum thickness of 3" .
1-1/4" Pitless are ideal for sewage disconnects for grinder pumps in cement tanks.

PART NO.	SIZE	DROP PIPE CONNECTION	CONCRETE TILE SIZE RANGE	HOLE SAW SIZE	WORKING LOAD-lbs	SHIPPING WGT-lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
PA-100-CTNL	1"	1"	12" - 48"	1-3/4"	2000	4.2	12		153.98
PA-125-CTNL	1-1/4"	1-1/4"	12" - 48"	2-1/8"	2000		10		282.91

DOUBLE DROP PIPE PITLESS ADAPTER

PART NO.	MAKE	DROP PIPE SIZE	CASING SIZE	HOLE SAW SIZE	WORKING LOAD-lbs	SHIPPING WGT-lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
LD-2XNL	DICKEN	1" & 1-1/4"	4 1/2" - 12"	1-3/4" & 2-1/8"	2000	11.56	6		551.95
PA-2XNL * *	BII	1" & 1-1/4"	4 1/2" - 12"	1-3/4" & 2-1/8"	2000	8.60	6		358.02



WATER SYSTEMS COUNCIL
LISTED PAS-97 (2012)

DICKEN "WRAP AROUND" FOR PVC CASING

PART NO.	CASING SIZE I.D.	CASING SIZE O.D.	DROP PIPE SIZE	WORKING LOAD-lbs	SHIPPING WGT-lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
CW-4-10-WANL	4"	4-1/2"	1"	2000	4.75	6		385.00
CW-4.5-10-WANL	4-1/2"	5"	1"	2000	6.25	6		417.44
CW-5-10-WANL	5"	5-9/16"	1"	2000	6.50	6		424.74

DICKEN "CLEAR WAY" FOR STEEL CASING

PART NO.	CASING SIZE I.D.	CASING SIZE O.D.	DROP PIPE SIZE	WORKING LOAD-lbs	SHIPPING WGT-lbs	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
CW-4-10NL	4"	4-1/2"	1"	2000	4.75	6		338.37
CW-5-10NL	4-1/2"	5"	1"	2000	4.75	6		348.71
	5"	5-9/16"						
CW-6-10NL	5-5/8"	6"	1"	2000	6.0	6		407.56
	6"	6-5/8"						

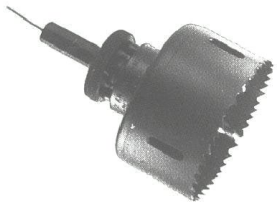
BRONZE WIRE SPUDS

PART NO.	DESCRIPTION	CTN/ CASE	LIST PRICE-A
WS-100	1" FPT - Use 1-3/4" Hole Saw	Bulk	**79.46**

PITLESS INSTALLATION - HOLE SAWS & ACCESSORIES

- High speed steel cutting edge is electron-beam welded to a tough alloy back
- Cuts clean, accurate holes in virtually any machinable material
- Knockout holes allow easy removal of cores
- Available in diameters from 9/16" to 6"

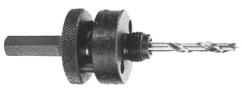
PART NO.	DESCRIPTION	USE TO INSTALL	LIST PRICE-A
28-HS114	1-1/4" Hole Saw	- - -	36.91
28-HS134	1-3/4" Hole Saw	1" Pitless	36.91
28-HS178	1-7/8" Hole Saw	- - -	36.91
28-HS218	2-1/8" Hole Saw	1-1/4" Pitless	45.92
28-HS214	2-1/4" Hole Saw	- - -	45.92
28-HS238	2-3/8" Hole Saw	- - -	45.92
28-HS212	2-1/2" Hole Saw	1-1/2" Pitless	47.70
28-HS234	2-3/4" Hole Saw	- - -	47.70
28-HS318	3-1/8" Hole Saw	2" Pitless	50.57
28-HSPD	Pilot Drill	- - -	11.91



7/16" HEX SHANK QUICK CHANGE ARBOR

- Hex shank prevents slippage in chuck
- Provides fast interchanging of hole saws without arbor removal from chuck
- Pin drive feature
- For hole saws 1-1/4" to 6" diameter

PART NO	DESCRIPTION	LIST PRICE-A
28-HSA	7/16" Hex shank quick change	50.20



SILICONE LUBRICANT

- Retains its consistency and properties over a temperature range of -50°C to 200°C (-55°F to 390°F)
- Highly water repellent and resistant to oxidation
- Mild chemical barrier coating
- Retains paste-like consistency and will not soften or flow
- NSF H-1 Registered Product

PART NO	SIZE	LIST PRICE-A
P-LUBE	4 oz (113 g) Plastic Tube	27.29

BOSHART INDUSTRIES

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

MAASS "J" SERIES PITLESS ADAPTERS

- Water contacts only 304 stainless steel and bronze, to eliminate rust, corrosion, and electrolysis in the water system.
- Durable cast steel housing
- Tapered 8° slip fitting for easy installation and removal of bronze insert
- No obstruction left in well casing when brass insert is pulled
- Designed for shallow or deep settings and high working pressures

PART NO.	CONNECTION OUTLET	CONNECTION DROP	WELL CASING SIZE O.D.	WORKING LOAD - lbs	WEIGHT	LIST PRICE-A
09-4J1.25NL	1-1/4"	1-1/4"	4" - 5"	5,000	7.0	374.40
09-4J1.5NL	1-1/2"	1-1/2"	4" - 5"	5,000	8.5	497.23
09-5J2NL	2"	2"	5"	6,000	12.0	719.60
09-6J1.5NL	1-1/2"	1-1/2"	6" or larger	5,000	8.5	497.23
09-6J2NL	2"	2"	6" or larger	5,000	12.0	719.60
09-6J2.5NL	2-1/2"	2-1/2"	6" or larger	8,000	18.0	1305.16
09-8J3NL	3"	3"	8" or larger	10,000	32.0	2263.59
09-10J4NL	4"	4"	10" or larger	16,000	50.0	3231.44

NOTE: The weight of the pump, pipe and water column should not exceed the working load of the adapter nor the NPT joint strength of the pipe.

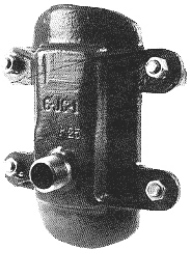
Cutting Guides available to cut holes in casing with Torch. Cutting guides not listed in the catalogue. Call Sales Rep for price and delivery.

CLAMP-ON TYPE MAASS "JC" SERIES PITLESS ADAPTERS

- Durable cast steel housing and has two steel lips resting on the wall of the well casing to support the pitless adapter in position
- 8° bronze locking type wedge with an o-ring forced against non-magnetic type 304 stainless steel flange nipple
- Cast steel housing will have a neoprene gasket for sealing the housing to the outside of the well casing and the housing will be held in place with two 304 stainless steel straps and stainless steel hardware

PART NO.	CONNECTION OUTLET	CONNECTION DROP	ADAPTER HOUSING SIZE	WELL CASING O.D.	WORKING LOAD - lbs	WEIGHT	LIST PRICE-A
09-4JC1NL	1"	1"	4"	4-1/2"	4,000	11	358.07
09-5ODJC1NL	1"	1"	5" O.D.	4.950" -5"	4,000	11	367.84
09-5JC1NL	1"	1"	5"	5 9/16"	4,000	11	367.84
09-6ODJC1NL	1"	1"	6" O.D.	5.9 to 6"	4,000	11.75	387.75
09-6JC1NL	1"	1"	6"	6-5/8"	4,000	11.75	387.96
09-7JC1NL	1"	1"	7"	7"	4,000	12	540.74
09-4JC1.25NL	1-1/4"	1-1/4"	4"	4-1/2"	4,000	11.75	439.17
09-5ODJC1.25NL	1-1/4"	1-1/4"	5" O.D.	4.95" to 5"	4,000	11.25	459.82
09-5JC1.25NL	1-1/4"	1-1/4"	5"	5-9/16"	4,000	11.25	459.82
09-6ODJC1.25NL	1-1/4"	1-1/4"	6" O.D.	5.9" to 6"	4,000	12.75	465.03
09-6JC1.25NL	1-1/4"	1-1/4"	6"	6-5/8"	4,000	12.75	465.03
09-7JC1.25NL	1-1/4"	1-1/4"	7"	7"	4,000	13	583.31

NOTE: The weight of the pump, pipe and water column should not exceed the working load of the adapter nor the NPT joint strength of the pipe.



Ideal for use on either **plastic or steel** well casing.

MODEL JX1 - PITLESS BURY UNITS

Pitless Bury Units available.
"J" Series Pitless - Factory welded to casing. Units can be threaded or plain end and made for any bury depth (specify when ordering).
Contact your Sales Representative for detailed spec sheets.

BII INDUSTRIAL PITLESS

Both ductile iron and stainless steel industrial pitless are provided with numerous features as standard equipment, which you will find listed below. This will make the BII Industrial Pitless the most versatile on the market. The BII design allows for the installer to purchase and field install additional accessories and equipment later on without any specialized fabrication / welding with significant cost savings for the installer.

Features

- Flanged Casing Connections
- ASA Class 150 Flanged Discharge Connection
- Sealable through Pipe Connections for Flowing Wells
- Pressure Zone Tapped for Sampling Faucet
- Baked Epoxy Coating (NSF 61 Certified)

Industrial Pitless

- Includes Housing and Spool

SIZE	EPOXY COATED DUCTILE IRON PART NO.	LIST PRICE-A	304 STAINLESS STEEL PART NO.	LIST PRICE-A
8"	IPD08	POR	IPS08	POR
10"	IPD10	POR	IPS10	POR
12"	IPD12	POR	IPS12	POR

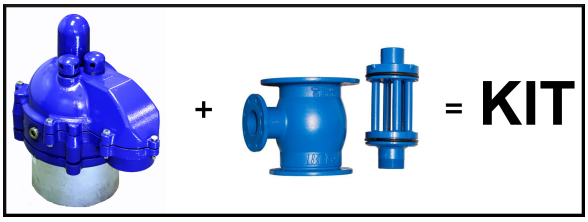
Industrial Pitless Kits

- Includes Industrial Pitless and Cast Iron Cap

SIZE	EPOXY COATED DUCTILE IRON KIT PART NO.	LIST PRICE-A	304 STAINLESS STEEL KIT PART NO.	WELL CAP PART NO.	LIST PRICE-A
8"	IPD08-KIT	POR	IPS08-KIT	WTCL-C10	POR
10"	IPD10-KIT	POR	IPS10-KIT	WTCL-C12	POR
12"	IPD12-KIT	POR	IPS12-KIT	WTCL-C14	POR

Epoxy Coated Ductile Iron

304 Stainless Steel



BII INDUSTRIAL PITLESS UNIT

The BII Industrial Pitless Units are designed and precision-machined for heavy duty municipal and industrial water well installations.

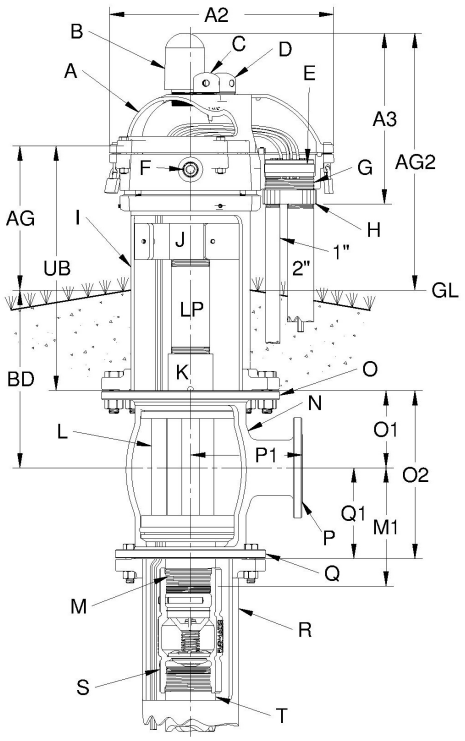
All Pitless Units are hydrostatic pressure tested at the factory and shipped complete with a BII WTCL Series Premium Watertight Well Cap. Upper casing barrels, torque arrestor / hold-down assemblies are optional.

BOSHART INDUSTRIES

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164

Fax: 1-519-595-4380 - www.boshart.com

BII INDUSTRIAL PITLESS UNIT



A - **Locking Watertight Sanitary Well Cap** - See section 11 for detailed information.

B - **Screened Air Vent** - Screened Air Vent threads into a 2" FPT port in top of well cap. The screen is 60-mesh, stainless steel with large open area and is protected by a dome shaped cover.

C - **Access Port** - 1-1/2" MPT cap plug aligns with one of the five through passages in the spool for easy alignment of a probe tube.

D - **Access Port** - 2" MPT cap plug aligns with pressure chamber tapping in the spool top plate for installation of a sampling faucet as required.

E - **Cable Seal** - Stainless steel cable seals are available to seal the well chamber from the conduit to ensure no contamination enters the well through the conduit. They are also watertight and vermin proof.

F - **Access Ports** - The middle ring is equipped with two additional 1" FPT accessory ports to allow for installation of additional accessories such as air line test blocks, chlorinators or auxiliary sensor cables.

G - **Conduit Connection** - Large 4" FPT connection.

H - **Conduit Splitter** - 4" MPT bushing splits the large conduit into two smaller conduit connections (1) 2" FPT for power cable and (1) 1" FPT typically used to run a transducer wire in a separate conduit to eliminate interference.

I - **Upper Barrel** - Available by special order without significant delay. It is supplied with black paint finish. Total upper barrel length (UB), bury depth (BD) and above ground dimension (AG) must be specified. All Upper Barrels are supplied with 24" of casing above ground.

J - **Torque Arrester / Hold-Down Assembly** - Optional - 6 bolts secure the spool to prevent spool from both vertical and rotational movement due to up thrust and or pump start-up torque.

K - **Lift-Out Connection** - All units are supplied with FPT connections.

L - **Spool** - Five through holes serve as pressure equalization passages in addition to access for pump cables, airlines, controls, chlorination equipment, testing and measurement equipment.

M - **Spool Drop Pipe Connection** - Drop pipe connections are FPT standard. API threading is available by special order.

N - **Discharge Housing** - Globe design provides excellent flow and precision machined O-ring seats ensure a positive seal. Ductile housings are epoxy coated inside and out; stainless steel housings are coated on the outside only.

O - **Upper Barrel Connection** - All Industrial Pitless are equipped with raised face flanges as standard equipment for a quick and easy attachment to an ASA Class 150 flanged upper barrel casing.

P - **Discharge Connection** - All Industrial Pitless are supplied with ASA Class 150 raised face flanges. Various adapters to pipelines are available by special order.

Q - **Well Casing Connection** - All Industrial Pitless are equipped with raised face flanges as standard equipment for a quick easy attachment to ASA Class 150 raised face flanges that are equal in size to the well casing. Weld neck or quick connect casing flanges are available as an option.

R - **Well Casing**

S - **Check Valve(s)** - A wide range of high quality check valves are available in both ductile iron and stainless steel, traditional and specially designed checks for VFD pumps are in stock.

T - **Drop / Riser Pipe**

Bury Depth (BD) - Bury depth is from the center of the discharge line to ground level (GL).
Ground Level (GL) - The final ground level / grade must be determined in order to determine the appropriate cut-off point for the well casing prior to installation. The grade must slope away from the well casing for proper drainage. Always refer to local regulations for well installations.
Above Grade / Ground Level (AG) - This dimension must be determined prior to production of the upper barrel. Refer to local regulations and AHJ's for well installation. All Upper Barrels are supplied with 24" of casing above ground.

BOSHART INDUSTRIES

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

WCC SERIES BII CONDUIT WELL CAPS

ALUMINUM CONDUIT CAPS

- Heavy duty design for added durability
- Designed to provide extra clearance for pump cable
- Three stainless steel set screws for secure fit to well casing
- One stainless steel set screw to secure conduit pipe
- A well log is provided inside each cap to record installation data/specifications

NO LEAD LEAD-FREE

PART NO.	CASING SIZE (IN) I.D.	O.D.	CONDUIT PIPE SIZE	UNIT WGT - lbs	QTY CASE	LIST PRICE-A
WCC-A04	4"	4-1/2"	1"	1.25		20.27
WCC-A045	4-1/2"	5"	1"	1.20		23.88
WCC-A05	5"	5-9/16"	1"	1.40		25.14
WCC-A056	5-5/8"	6"	1"	1.50		26.17
WCC-A06	6"	6-5/8"	1"	1.75		27.45
WCC-A066	6-5/8"	7"	1"	1.80		30.16
WCC-A08	8"	8-5/8"	1"	2.50		55.84
WCC-A10	10"	10-3/4"	1"	3.00		107.23

WCCL SERIES BII ALUMINUM LOCKING CONDUIT CAPS

- Stainless steel set screws
- Locking feature provides a secure/tamper-proof installation

Note: Locks not included.
For illustration purposes only.

PART NO.	CASING SIZE (IN) I.D.	O.D.	CONDUIT PIPE SIZE	UNIT WGT - lbs	QTY CASE	LIST PRICE-A
WCCL-A06	6"	6-5/8"	1"	2.0		27.58

NO LEAD LEAD-FREE

CC SERIES CAST IRON CONDUIT CAPS

- Heavy cast iron construction
- Quick installation
- Blue painted finish
- Packaged individually

NO LEAD LEAD-FREE

PART NO.	CASING SIZE (IN) I.D.	O.D.	CONDUIT PIPE SIZE	QUANTITY CTN	CASE	CTN/CASE SHIPPING WGT - lbs	LIST PRICE-A
CC-6-CI	6, 6-1/4"	6-5/8"	1"	12		5/35	38.49

WCP SERIES BII PLAIN WELL CAPS

ALUMINUM PLAIN CAPS

- Heavy duty design for added durability
- Uses three stainless steel set screws for secure fit to well casing
- A well log is provided inside each cap to record installation data/specifications

WCP Series

PART NO.	CASING SIZE (IN) I.D.		O.D.	UNIT WGT - lbs	QTY CASE	LIST PRICE-A
PC-4	4"		4-1/2"	0.87		38.47
PC-566	5-5/8"	UPPER	6"	1.87		76.81
(2-STEP)	6"	LOWER	6-5/8"			
WCP-A06	6"		6-5/8"	1.50		24.53
PC-66	6-5/8"		7"	2.19		81.81

NO LEAD LEAD-FREE

PC Series "Dicken"
(1 set screw only)

PERSONALIZED CAPS are available. Please contact your Sales Rep for further information and delivery.

BOSHART INDUSTRIES

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

WTC SERIES BII WATERTIGHT WELL CAPS - FOR STEEL OR PVC WELL CASING

- Easy to install, easy access for maintenance
- Vermin proof with large screened air vents
- Greater clearance for submersible pump cable
- Stainless steel hardware
- O-ring system ensures reliable watertight seal between well casing and retainer ring
- A second O-ring is used to seal cover and retainer ring, a positive compression seal is achieved by tightening 4 bolts
- Grounding terminal with bolt provided
- A well log is provided inside each cap to record installation data/specifications

LISTED PAS-97 (2012)

NO LEAD LEAD-FREE

PART NO.	CASING SIZE (IN) I.D.	O.D.	CONDUIT CONNECTION	AIR VENTS	UNIT WGT - lbs	QTY CASE	LIST PRICE-A
ALUMINUM							
WTC-A04	4"	4-1/2"	1" FPT	(2) 3/4"	3.00	16	53.45
WTC-A05	5"	5-9/16"	1" FPT	(2) 3/4"	3.25	12	58.75
WTC-A06	6"	6-5/8"	1" FPT	(2) 3/4"	4.00	12	64.04
WTC-A06-BLUE	6"	6-5/8"	1" FPT	(2) 3/4"	4.00	12	73.71
WTC-A06-12	6"	6-5/8"	1-1/4" FPT	(2) 3/4"	4.00	12	66.13
WTC-A06-12-BLUE	6"	6-5/8"	1-1/4" FPT	(2) 3/4"	4.00	12	75.92
WTC-PA06 *	6"	6 5/8"	1" FPT	(2) 3/4"	2.50	12	59.30
CAST IRON - Durable Blue Powder Coat Paint							
WTC-C06	6"	6-5/8"	1" FPT	(2) 3/4"	9.5	6	83.12
WTC-C06-12	6"	6-5/8"	1-1/4" FPT	(2) 3/4"	9.5	6	85.61

8, 10 and 12" available in locking style only, see WTCL series, Page 11-10

WTC Series

WTC-A06-BLUE
(Durable Powder Coat Paint)

*WTC-PA06
(PVC cover c/w Alum. lower ring for steel casing)

WTC-C06
(Durable Powder Coat Paint)

WTC-G SERIES BII WATERTIGHT CAPS FOR PVC WELL CASING

- Same design as the above WTC Series but with exception that the lower ring is plastic which can be solvent welded directly to PVC well casing
- Durable UV stabilized, high impact ABS

LISTED PAS-97 (2012)

NO LEAD LEAD-FREE

PART NO.	CASING SIZE (IN) I.D.	O.D.	CONDUIT CONNECTION	AIR VENTS	UNIT WGT - lbs	QTY CASE	LIST PRICE-A
WTC-G-P0625-06 *	6" or 6-1/4"	6-5/8" or 6.9"	1" FPT	(2) 3/4"	1.93	12	43.03
WTC-G-P0625	6-1/4"	6.90"	1" FPT	(2) 3/4"	1.75	12	39.40
WTC-G-AP0625-06 *	6" or 6-1/4"	6-5/8" or 6.9"	1" FPT	(2) 3/4"	2.93	12	53.82
WTC-G-AP0625	6-1/4"	6.90"	1" FPT	(2) 3/4"	2.75	12	50.17

* New models of well caps for 6-5/8" well casing are now available. These caps are the 6-1/4" well caps for 6.9" O.D. casing shipped with a Part No. WCCA-G0625-G06 6.9" X 6-5/8" well cap casing adapter included. The reducing adapter is not glued into the well cap so that the end user has the flexibility to use the cap for either a 6.9" O.D. or a 6-5/8" O.D. casing. This also gives the option to reduce inventories for those customers whom have both casing sizes in their territory, ensuring they never end up at a job site with the wrong size well cap.

WTC-G-P0625
ABS top with ABS glue-on lower ring

WTC-G-AP0625
Aluminum top with ABS glue-on lower ring

WTC-G-P0625-06 consists of WTC-G-P0625 well cap plus a WCCA-G0625-G06 ring WTC-G-AP0625

WELL CAP CASING ADAPTER

PART NO	SIZE	UNIT WGT-lbs	QTY CTN	QTY CASE	LIST PRICE-A
WCCA-G0625-G06	6.9" X 6-5/8"	0.175	12		2.89

Well cap casing adapters (reducer rings) can be purchased separately if desired. If an account would prefer the option of stocking the 6-1/4" well caps for 6.9" O.D. well casing and selling the rings as a separate component. The rings are individually bagged and include installation information.

WCCA-G0625-G06 ring glued on a 6-5/8" casing

WTMLC SERIES BII LOCKING WATERTIGHT WELL CAPS - FOR STEEL OR PVC WELL CASING

ALUMINUM WATERTIGHT LOCKING CAPS

- Easy to install, easy access for maintenance
- Vermin proof with large screened air vents
- Stainless steel hardware
- O-ring system to ensure reliable seal to casing
- A second O-ring is used to seal cover and retainer ring, a positive compression seal is achieved by tightening a single set screw on a specially designed tapered surface ensuring a positive seal
- Locking feature provides a secure/tamper-proof installation
- Grounding terminal with bolt provided
- A well log is provided inside each cap to record installation data/specifications

WATER SYSTEMS COUNCIL LISTED PAS-97 (2012)

NO LEAD LEAD-FREE

Note: Locks not included. For illustration purposes only.

PART NO.	CASING SIZE (IN) I.D.	O.D.	CONDUIT CONNECTION	AIR VENTS	UNIT WGT - lbs	QTY CASE	LIST PRICE-A
WTMLC-A04	4"	4-1/2"	1" FPT	(2) 3/4"	3.26	20	60.30
WTMLC-A045	4-1/2"	5"	1" FPT	(2) 3/4"	3.55	16	64.14
WTMLC-A045-BLUE	4-1/2"	5"	1" FPT	(2) 3/4"	3.55	16	73.86
WTMLC-A05	5"	5-9/16"	1" FPT	(2) 3/4	3.70	16	67.06
WTMLC-A05-BLUE	5"	5-9/16"	1" FPT	(2) 3/4"	3.70	16	77.13
WTMLC-A056-BLUE	5-5/8"	6"	1" FPT	(2) 3/4"	3.92	16	80.62
WTMLC-A06	6"	6-5/8"	1" FPT	(2) 3/4"	3.95	12	70.79
WTMLC-A06-BLUE	6"	6-5/8"	1" FPT	(2) 3/4"	3.95	12	82.27
WTMLC-A06-12	6"	6-5/8"	1-1/4" FPT	(2) 3/4"	3.95	12	72.19
WTMLC-A066	6-5/8"	7"	1" FPT	(2) 3/4"	3.53	12	87.85

WTMLC-G SERIES BII LOCKING WATERTIGHT WELL CAPS - FOR STEEL OR PVC WELL CASING

LOCKING CAPS - ALUMINUM COVER WITH GLUE-ON ABS RING

WATER SYSTEMS COUNCIL LISTED PAS-97 (2012)

NO LEAD LEAD-FREE

PART NO.	CASING SIZE (IN) I.D.	O.D.	CONDUIT CONNECTION	AIR VENTS	UNIT WGT - lbs	QTY CASE	LIST PRICE-A
WTMLC-G-AP04	4"	4.500"	1" FPT	(2) 3/4"	2.03	20	49.37
WTMLC-G-AP045	4-1/2"	4.950"	1" FPT	(2) 3/4"	2.18	16	52.06
WTMLC-G-AP05	5"	5.563"	1" FPT	(2) 3/4"	2.36	16	53.66
WTMLC-G-AP0625-06 *	6" or 6-1/4"	6-5/8" or 6.9"	1" FPT	(2) 3/4"	2.58	12	64.21
WTMLC-G-AP0625	6-1/4"	6.900"	1" FPT	(2) 3/4"	2.40	12	60.58

* A well cap for 6-5/8" well casing is now available. These caps are the 6-1/4" well caps for 6.9" O.D. casing shipped with a Part No. WCCA-G0625-G06 6.9" X 6-5/8" well cap casing adapter included. The reducing adapter is not glued into the well cap so that the end user has the flexibility to use the cap for either a 6.9" O.D. or a 6-5/8" O.D. casing. This also gives the option to reduce inventories for those customers whom have both casing sizes in their territory, ensuring they never end up at a job site with the wrong size well cap.

WTMLC-G-AP0625-06 consists of WTMLC-G-AP0625 well cap plus a WCCA-G0625-G06 ring

WELL CAP CASING ADAPTER

PART NO	SIZE	UNIT WGT-lbs	QTY CTN	QTY CASE	LIST PRICE-A
WCCA-G0625-G06	6.9" X 6-5/8"	0.175	12		2.89

Well cap casing adapters (reducer rings) can be purchased separately if desired. If an account would prefer the option of stocking the 6-1/4" well caps for 6.9" O.D. well casing and selling the rings as a separate component. The rings are individually bagged and include installation information.

WCCA-G0625-G06 ring glued on a 6-5/8" casing

BOSHART INDUSTRIES

11-10
June 24/19

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

WTCC SERIES WATERTIGHT LOCKING CAPS - CAST IRON

- Rugged cast iron construction with durable blue powder coat paint finish
- Vermin Proof design c/w two large stainless steel screened vents
- Locking feature provides a secure / tamper proof installation
- Wide gasket provides a positive compression seal between the well casing and cap as well as the cap cover and retainer ring, compression is achieved by tightening 5 bolts
- Deep, forgiving pocket designed for sealing unevenly cut casing - gasket will seal as far as 1-1/2" from the top of the casing
- Increased clearance for the pump cable

LISTED PAS-97 (2012)

PART NO.	CASING SIZE (IN) I.D.	O.D.	CONDUIT CONNECTION	AIR VENTS	UNIT WGT - lbs	QUANTITY CTN	CASE	LIST PRICE-A
WTCC-6-CI	6" , 6-1/4"	6-5/8"	1" FPT	(1) 1/2"	10.5	6		95.52
WTCC-6-CI-12	6" , 6-1/4"	6-5/8"	1-1/4" FPT	(1) 1/2"	10.5	6		98.39
WTCC-66-CI	6-5/8"	7"	1-1/4" FPT	(2) 3/4"	11.18	6		111.29

8" , 10" , 12" WTCL SERIES BII WATERTIGHT LOCKING WELL CAPS

ALUMINUM WATERTIGHT LOCKING CAPS

- Easy to install, easy access for maintenance
- Vermin proof with large screened air vents
- Stainless steel hardware
- O-ring system to ensure reliable seal to casing
- A second O-ring is used to seal cover and retainer ring, a positive compression seal is achieved by tightening 6 bolts
- Locking feature provides a secure/tamper-proof installation
- Grounding terminal with bolt provided
- A well log is provided inside each cap to record installation data/specifications

Note:
Locks not included.
For illustration purposes only.

PART NO.	CASING SIZE (IN) I.D.	O.D.	CONDUIT CONNECTION	AIR VENTS	UNIT WGT - lbs	QTY CASE	LIST PRICE-A
WTCL-A08	8"	8-5/8"	1-1/4" FPT	(2) 3/4"	5.25	8	138.13
WTCL-A10	10"	10-3/4"	1-1/4" FPT	(2) 3/4"	6.00	5	332.04
WTCL-A12	12"	12-3/4"	1-1/4" FPT	(2) 3/4"	6.50	5	413.14

PREMIUM WATERTIGHT CAST IRON LOCKING CAP - FOR STEEL OR PVC WELL CASING

- Absolutely the EASIEST & FASTEST heavy duty well cap to install, easy to access well for maintenance.
- Only tools required are (2) 9/16" wrenches, (1) 5/32" Allen Wrench.
- Three Piece Heavy Duty design, cast from high quality grey cast iron, with a durable blue powder coat paint, which is baked to ensure superior quality.
- All hardware is Stainless Steel for maximum corrosion resistance (No Plated Fasteners)
- Thick soft SBR rubber gasket ensures a positive watertight compression seal to the well casing, the cap has a deep socket to ensure the gasket seals down from the top edge of the well casing.
- Top cover is sealed to the lower assembly by compressing a soft, thick durable SBR gasket, cover can easily be removed without disturbing the seal to the well casing, or interfering with the wiring or conduit.
- Large 2" FPT conduit connection provides lots of room for heavy gauge submersible pump cables.
- Large 2" mushroom vent cap with SS screen is included to ensure the cap is Vermin Proof.
- Replacement of the vent with a standard 2" MPT thread plug quickly converts this vented well cap into a truly watertight cap where and when required.
- Caps are supplied with a ground bolt and two tongue ring terminal connectors. Three S.S. grounding set screws bond the well cap to the well casing (steel)
- Locking feature provides a secure / tamper proof design, simply insert a pad lock thru the S.S. locking pin.
- Personalization is available by means of an engraved aluminum plate which is affixed by drive rivets.

LISTED PAS-97 (2012)

PART NO.	CASING SIZE (IN) I.D.	O.D.	CONDUIT CONNECTION	AIR VENTS	UNIT WGT - lbs	QTY CASE	LIST PRICE-A
WTCL-C08	8"	8-5/8"	2" FPT	(1) 2" MVC	32.04		826.60

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Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

PREMIUM WATERTIGHT CAST IRON CAP WITH SCREENED AIR VENT

Features:

- Provides easy access to the well without interfering with seal to casing or conduit and wiring.
- Large 4" FPT conduit connection
- Large dome vent cap with 60 mesh S.S. screen
- Locking feature provides a **secure / tamper proof design**.
- Easily converts to 100% water proof design by replacing the vent with a plug.
- Comes with 2 lockable accessory ports.
- Caps are **supplied with a grounding terminal and the metal cap is bonded to the steel casing with 3 set screws**.
- Two 1" FPT Ports are provided for field installation of accessories.

Construction:

- Three Piece Heavy Duty design
- High quality grey cast iron castings
- Durable blue powder coat paint, which is baked to ensure superior quality finish.
- Thick heavy duty SBR Gaskets.
- All hardware is Stainless Steel for maximum corrosion resistance

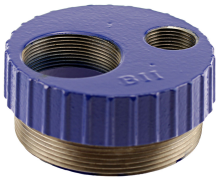
Stop tab allows for easy & accurate positioning of lower assembly (see back)

PART NO.	CASING SIZE (IN) I.D.	O.D.	CONDUIT CONNECTION	AIR VENTS (sq in)/Mesh	UNIT WGT - lbs	QTY CASE	LIST PRICE-A
WTCL-C10	10.02"	10-3/4"	4" FPT	10.5 / 60	90		2438.35
WTCL-C12	12"	12-3/4"	4" FPT	10.5 / 60	110		2864.62
WTCL-C14	13.18"	14"	4" FPT	10.5 / 60	120		3249.39

PREMIUM WATERTIGHT CAST IRON WELL CAP ACCESSORIES

Conduit Adapter

- Converts 4" FPT conduit connection on 10" , 12" & 14" WTCL-C series well cap in to two conduit connections (1) 2" FPT and (1) 1" FPT allowing the separation of the power cable from other sensor wiring which maybe subject to interference if run beside the power cable in a single large conduit pipe.
- Heavy duty Cast Iron construction, with durable blue powder coat paint to match well caps



PART NO.	WELL CAP CONNECTION	CONDUIT CONNECTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
WTCL-CA40-2010	4" MPT	2" FPT x 1" FPT	12		158.48

Cable Seal Assembly

- Provides a watertight / vermin proof barrier between the conduit piping and the well chamber of the well cap
- Stainless steel plates (top & bottom) along with stainless hardware provide maximum corrosion resistance
- Compressible SBR rubber gasket provides a positive seal to the well cap pocket and the pump power cables, available in 5 cable hole sizes to accommodate #14 AWG thru 4/0 pump cable.

4 WIRE SEAL PART NO.	OUTSIDE DIAMETER	CABLE RANGE DIAMETER	PUMP CABLE AWG CAN.	PUMP CABLE AWG U.S.A.	LIST PRICE-A
WTCL-CS40-315-4	4"	0.140" - 0.311"	14 - 8	14 - 6	478.41
WTCL-CS40-430-4	4"	0.348" - 0.426"	6 - 3	4 - 2	478.43
WTCL-CS40-495-4	4"	0.458" - 0.490"	2	1	478.43
WTCL-CS40-715-4	4"	0.650" - 0.710"	3/0 - 4/0	4/0	478.43

Note: For a cable seal assembly to use with 3 wire pump cable, change part number suffix to -3 (ie: WTCL-CS40-315-3)

Vent Cap

- Heavy duty cast iron construction
- 60 mesh stainless steel screen
- 2" MPT thread, comes with cotter key to lock vent in place

PART NO.	WELL CAP SIZE	LIST PRICE-A
WTCL-VC-08	8"	33.96
WTCL-VC-1014	10" , 12" , & 14"	72.57

Locking Pin

- 304 S.S. locking pin for accessory ports on 10" , 12" & 14" WTCL-C series well cap
- 5/16" diameter hole for lock

PART NO.	SIZE	LIST PRICE-A
WTCL-CLP	0.55" dia x 4.375" length	20.40

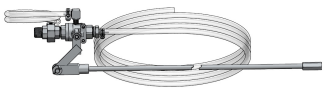
Depth Tester Kit

- Please contact your Sales Rep for product details and pricing

PART NO.	LIST PRICE-

Water Sampling Valve Kit

- Please contact your Sales Rep for product details and pricing



PART NO.	LIST PRICE-A
WSVK05-12	802.14

BOSHART INDUSTRIES

11-12
January 7/19

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
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SEAL WELL PLASTIC WELL SEALS

- Allows for larger conduit cables and will have a consistent design for the entire line.
- Heavy duty construction, made from UV stabalized ABS material c/w soft 3/4" thick Buna N rubber gasket and zinc plated hardware.
- All seals complete with grommet kit which have both round and slotted gaskets for twisted or parallel pump cables, produced from very soft rubber which compresses easily when the conduit bushing is tightened.
- Option for a split well seals & stainless steel hardware available in all sizes
- To order split well seals, please add the letter S to the Part No.
  Example: To order the split version of WSP40, please order as WSP40S. Please contact your Sales Rep for pricing.
- To order seals with SS hardware, please add the letters -SH to the end of Part No.
  Example: For Part No. WSP4010, order as WSP4010-SH or WSP4010S-SH (split c/w SS bolts).

NO LEAD LEAD-FREE

Please contact your Sales Rep for pricing.

PLASTIC SUBMERSIBLE PUMP WELL SEALS - SINGLE HOLE

PART NO	WELL CASING I.D.	DROP PIPE SIZE	VENT SIZE	CONDUIT SIZE	WGT lbs	QTY CASE	LIST PRICE-A
WSP4010	4"	1"	1/2"	3/4"	1.476	16	23.13
WSP4012	4"	1-1/4"	1/2"	3/4"	1.402	16	22.94
WSP4015	4"	1-1/2"	1/2"	3/4"	1.375	16	22.92
WSP4020 *	4"	2"	1/2"	3/4"	1.126	16	21.37
WSP4210	4-1/4"	1"	1/2"	3/4"	1.506	16	23.63
WSP4212	4-1/4"	1-1/4"	1/2"	3/4"	1.440	16	23.45
WSP4215	4-1/4"	1-1/2"	1/2"	3/4"	1.405	16	23.42
WSP4220	4-1/4"	2"	1/2"	3/4"	1.156	16	21.84
WSP5010	5"	1"	1/2"	1"	2.154	8	29.11
WSP5012	5"	1-1/4"	1/2"	1"	2.098	8	29.23
WSP5015	5"	1-1/2"	1/2"	1"	2.028	8	29.14
WSP5020	5"	2"	1/2"	1"	1.898	8	28.85
WSP5210	5-1/4"	1"	1/2"	1"	2.200	8	29.85
WSP5212	5-1/4"	1-1/4"	1/2"	1"	2.144	8	29.98
WSP5215	5-1/4"	1-1/2"	1/2"	1"	2.074	8	29.88
WSP5220	5-1/4"	2"	1/2"	1"	1.944	8	29.60
WSP6010	6"	1"	1/2"	1"	2.788	8	32.95
WSP6012	6"	1-1/4"	1/2"	1"	2.690	8	32.89
WSP6015	6"	1-1/2"	1/2"	1"	2.688	8	32.75
WSP6020	6"	2"	1/2"	1"	2.484	8	32.40
WSP6210	6-1/4"	1"	1/2"	1"	2.854	8	33.44
WSP6212	6-1/4"	1-1/4"	1/2"	1"	2.756	8	33.38
WSP6215	6-1/4"	1-1/2"	1/2"	1"	2.754	8	33.25
WSP6220	6-1/4"	2"	1/2"	1"	2.550	8	32.90

Split Well Seal

4" x 2" with raised fitting supports

WSP6010, WSP6012, WSP6210 and WSP6212 are centre hole design.

***** Note:The 4" x 2" well seals have raised supports which the drop pipe fitting rests on, this keeps the fittings above the nuts and conduit bushing making it possible to incorporate a 3/4" cable hole which is larger than any other 4" x 2" on the market.

PLASTIC JET PUMP WELL SEALS - DOUBLE HOLE

PART NO	WELL CASING I.D.	DROP PIPE SIZE	VENT SIZE	CONDUIT SIZE	WGT lbs	QTY CASE	LIST PRICE-A
WSP401210	4"	1-1/4" x 1"	1/2"	–	1.292	16	21.21
WSP421210	4-1/4"	1-1/4" x 1"	1/2"	–	1.322	16	21.70
WSP501210	5"	1-1/4" x 1"	1/2"	–	1.988	8	27.48
WSP521210	5-1/4"	1-1/4" x 1"	1/2"	–	2.034	8	28.22
WSP601210	6"	1-1/4" x 1"	1/2"	–	2.716	8	31.03
WSP601212	6"	1-1/4" x 1-1/4"	1/2"	–	2.372	8	30.89
WSP621210	6-1/4"	1-1/4" x 1"	1/2"	–	2.782	8	31.53
WSP621212	6-1/4"	1-1/4" x 1-1/4"	1/2"	–	2.438	8	31.40

PLASTIC WELL SEALS - BLANK

PART NO	WELL CASING I.D.	DROP PIPE SIZE	VENT SIZE	CONDUIT SIZE	WGT lbs	QTY CASE	LIST PRICE-A
WSP40	4"	Blank	1/2"	3/4" (W/Plug)	1.566	16	23.22
WSP42	4-1/4"	Blank	1/2"	3/4" (W/Plug)	1.596	16	23.72
WSP50	5"	Blank	1/2"	1" (W/Plug)	2.230	8	29.41
WSP52	5-1/4"	Blank	1/2"	1" (W/Plug)	2.276	8	30.16
WSP60	6"	Blank	1/2"	1" (W/Plug)	2.886	8	33.01
WSP62	6-1/4"	Blank	1/2"	1" (W/Plug)	2.952	8	33.52

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CAST IRON WELL SEAL - SINGLE DROP PIPE - SUBMERSIBLE PUMP

PART NO	GROMMET KIT INCLUDED	WELL CASING I.D.	DROP PIPE SIZE	VENT SIZE	CONDUIT SIZE	WGT lbs	QTY CASE	LIST PRICE-A
WS2010		2"	1"	–	–	1	1	**97.83**
WS2012	Yes	2"	1-1/4"	–	–	1	1	**92.30**
WS3010	Yes	3"	1"	1/8"	3/8"	2	1	67.92
WS3012	Yes	3"	1-1/4"	3/8"	3/8"	2	1	67.92
WS4010	Yes	4"	1"	1/2"	3/4"	3-1/4	1	41.95
WS4012	Yes	4"	1-1/4"	1/2"	3/4"	3	1	41.95
WS4015	Yes	4"	1-1/2"	1/2"	3/4"	2-3/4	1	57.68
WS4020	Yes	4"	2"	1/2"	3/4"	2-1/2	1	57.68
WS4210	Yes	4-1/4"	1"	1/2"	3/4"	3-1/4	1	56.25
WS4212	Yes	4-1/4"	1-1/4"	1/4"	3/4"	3	1	56.25
WS4510	Yes	4-1/2"	1"	1/2"	1/2"	5	6	**56.53**
WS4512	Yes	4-1/2"	1-1/4"	1/2"	1/2"	5	6	55.79
WS5010	Yes	5"	1"	1/2"	1"	5-1/2	1	86.16
WS5012	Yes	5"	1-1/4"	1/2"	1"	5-1/4	1	86.16
WS5015	Yes	5"	1-1/2"	1/2"	1"	5	6	**58.12**
WS5020	Yes	5"	2"	1/2"	1"	4-1/2	1	86.16
WS5510	Yes	5-5/8"	1"	1/2"	3/4"	7	1	99.88
WS5512	Yes	5-5/8"	1-1/4"	1/2"	3/4"	7	1	110.82
WS6010	Yes	6"	1"	1/2"	1"	8-1/4	1	68.37
WS6012	Yes	6"	1-1/4"	1/2"	1"	9	1	75.68
WS6015	Yes	6"	1-1/2"	1/2"	1"	7	1	99.57
WS6020	Yes	6"	2"	1/2"	1"	7-1/4	1	99.57
WS6030 *	Yes	6"	3"	1/2"	1"	6	1	116.43
WS6210	Yes	6-1/4"	1"	1/2"	1"	8-1/2	1	68.37
WS6212	Yes	6-1/4"	1-1/4"	1/2"	1"	8	1	75.68
WS6215	Yes	6-1/4"	1-1/2"	1/2"	1"	7	1	**172.03**
WS6220	Yes	6-1/4"	2"	1/2"	1"	7-1/2	1	99.57

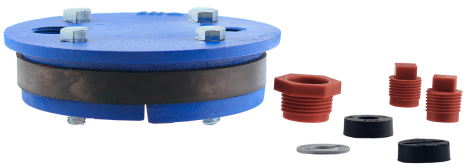
Well Seal Modification available, please call for price and delivery
* Seal is Solid Plate

Clamp-Over Style Well Seal

CAST IRON BLANK WELL SEALS

PART NO	GROMMET KIT INCLUDED	WELL CASING I.D.	VENT SIZE	CONDUIT SIZE	LIST PRICE-A
WS40 *	No	4"			78.80
WS50	Yes	5"	1/2"	1"	88.63
WS60 *	Yes	6"	1/2"	1"	94.97
WS62 *	Yes	6-1/4"	1/2"	1"	94.97

* Seal is solid plate



BOSHART INDUSTRIES

11-14
January 7/19
Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
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CAST IRON/STEEL WELL SEAL - DOUBLE HOLE - JET PUMP

PART NO	GROMMET KIT INCLUDED	WELL CASING I.D.	DROP PIPE SIZE	VENT SIZE	WGT lbs	QTY CASE	LIST PRICE-A
WS301007	No	3"	1" x 3/4"	1/4"	2	1	66.64
WSS351210 *	No	3-1/2"	1-1/4" x 1"	1/2"	3	1	76.30
WSS401010 *	No	4"	1" x 1"	1/2"	4	1	144.05
WS401210	No	4"	1-1/4" x 1"	1/2"	2-3/4	1	46.79
WS401212	No	4"	1-1/4" x 1-1/4"	1/2"	4	1	62.76
WS421210	No	4-1/4"	1-1/4" x 1"	1/2"	2-3/4	1	55.42
WS451210	No	4-1/2"	1-1/4" x 1"	1/2"	5	1	530.88
WS501210	No	5"	1-1/4" x 1"	1/2"	5	1	85.73
WSS501212 *	No	5"	1-1/4" x 1-1/4"	1/2"	6	1	POR
WS551210	No	5-5/8"	1-1/4" x 1"	1/2"	7	6	**71.58**
WS601210	No	6"	1-1/4" x 1"	1/2"	7-3/4	1	77.80
WS601212	No	6"	1-1/4" x 1-1/4"	1/2"	7-1/2	1	95.11
WSS601512 *	No	6"	1-1/2" x 1-1/4"	1/2"	9	1	114.51
WS621210	No	6-1/4"	1-1/4" x 1"	1/2"	8	1	77.80
WS621212	No	6-1/4"	1-1/4" x 1-1/4"	1/2"	8	1	95.11
WSS621512 *	No	6-1/4"	1-1/2" x 1-1/4"	1/2"	9	1	149.66

NO LEAD LEAD-FREE

Well Seal Modification available, please call for price and delivery
* Seal is manufactured from steel plate - solid top plate design

GROMMET KITS

PART NO	DESCRIPTION	LIST PRICE-A
WS-GK-07	3/4" Wire hole grommet kit	**2.91**
WS-GK-10	1" Wire hole grommet kit	**3.03**

PVC WELL SEAL AIR VENT

- Eight 0.04" slits, four on each side

PART NO	DESCRIPTION	QUANTITY CTN	LIST PRICE-A
WS-V05	1/2" MPT x 5" Length	500	4.86

ZINC PLATED STEEL AIR VENT

- Fabricated from 1/2" zinc steel pipe
- 40 Mesh Stainless Steel vermin proof screen included
- Use for water well ventilation
- Approximate overall dimensions: Height= 12-7/8" x Width= 7-3/4"

NO LEAD LEAD-FREE

PART NO.	SIZE	QTY	LIST PRICE-A
WS-V05-G	1/2"		18.45

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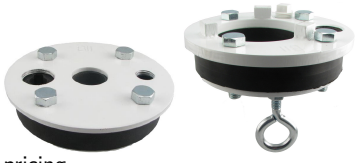
Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

BII™ STEEL SANITARY WELL SEALS

- Single drop pipe hole (submersible pump seal)
- Solid, high strength steel top & bottom plates made from A36 hot rolled steel
- Steel plates are powder coated for durable finish
- Soft extra thick 1" rubber glands for positive sealing
- Zinc plated steel bolts • Individually boxed
- Large pump cable / wire holes for easy installation
- For the Eye Bolt option, add -EB to the end of the part no. Please contact your Sales Rep for pricing.

NO LEAD LEAD-FREE



PART NO.	NOMINAL SIZE	GASKET O.D.	FITS CASING I.D.	DROP PIPE SIZE	VENT SIZE	CONDUIT SIZE-FPT	TOP PLATE	MAX LOAD	QUANTITY CTN	QUANTITY CASE	WEIGHT EACH-LBS	LIST PRICE-A
WSS3510	3-1/2"	3.51"	3-1/2"	1"	1/2"	1/2"	1/2"		16		3.00	83.13
WSS4010	4"	3.95"	4" - 4-1/4"	1"	1/2"	3/4"	3/16	2100	12		2.00	**42.22**
WSS4012	4"	3.95"	4" - 4-1/4"	1-1/4"	1/2"	3/4"	3/16	2100	12		2.00	**50.80**
WSS4015	4"	3.95"	4" - 4-1/4"	1-1/2"	1/2"	3/4"	3/16	2100	12		2.00	**50.80**
WSS4020 *	4"	3.95"	4" - 4-1/4"	2"	1/2"	3/4"	3/16	2100	12		2.00	**65.57**
WSS4510	4-1/2"	4.20"	4-1/4" - 4-1/2"	1"	1/2"	3/4"	3/16	2100	6		2.2	106.67
WSS4512	4-1/2"	4.20"	4-1/4" - 4-1/2"	1-1/4"	1/2"	3/4"	3/16	2100	6		2.0	106.67
WSS4515	4-1/2"	4.20"	4-1/4" - 4-1/2"	1-1/2"	1/2"	3/4"	3/16	2100	6		1.9	106.67
WSS4520	4-1/2"	4.20"	4-1/4" - 4-1/2"	2"	1/2"	1/2"	3/16	2100	6		1.8	129.52
WSS5010	5"	4.95"	5" - 5-1/4"	1"	1/2"	1"	3/16	1500	12		2.75	**48.64**
WSS5012	5"	4.95"	5" - 5-1/4"	1-1/4"	1/2"	1"	3/16	1500	12		2.75	**48.64**
WSS5015	5"	4.95"	5" - 5-1/4"	1-1/2"	1/2"	1"	3/16	1500	12		2.75	**48.64**
WSS5020	5"	4.95"	5" - 5-1/4"	2"	1/2"	1"	3/16	1500	12		2.75	**48.64**
WSS6010	6"	5.95"	6" - 6-1/4"	1"	1/2"	1"	3/16	1100	8		4.00	**61.23**
WSS6012	6"	5.95"	6" - 6-1/4"	1-1/4"	1/2"	1"	3/16	1100	8		4.00	**61.23**
WSS6015	6"	5.95"	6" - 6-1/4"	1-1/2"	1/2"	1"	3/16	1100	8		4.00	**61.23**
WSS6020	6"	5.95"	6" - 6-1/4"	2"	1/2"	1"	3/16	1100	8		4.00	**61.23**
WSS6010HD	6"	5.95"	6" - 6-1/4"	1"	1/2"	1"	3/8	9000	8		4.00	**96.75**
WSS6012HD	6"	5.95"	6" - 6-1/4"	1-1/4"	1/2"	1"	3/8	9000	8		4.00	**97.26**
WSS6015HD	6"	5.95"	6" - 6-1/4"	1-1/2"	1/2"	1"	3/8	9000	8		4.00	**96.91**
WSS6020HD	6"	5.95"	6" - 6-1/4"	2"	1/2"	1"	3/8	9000	8		4.00	**97.21**
WSS6030HD *	6"	5.95"	6" - 6-1/4"	3"			3/8	9000	8		4.00	**130.44**
WSS6210	6-1/4"	6.20"	6-1/4"	1"	1/2"	1"	3/16	1100	8		4.00	**61.23**
WSS6212	6-1/4"	6.20"	6-1/4"	1-1/4"	1/2"	1"	3/16	1100	8		4.00	**61.23**
WSS6215	6-1/4"	6.20"	6-1/4"	1-1/2"	1/2"	1"	3/16	1100	8		4.00	**61.23**
WSS6220	6-1/4"	6.20"	6-1/4"	2"	1/2"	1"	3/16	1100	8		4.00	**61.23**
WSS7010	7"	6.585"	7"	1"	1/2"	1-1/4"	3/8	2000	6		6.00	**126.57**
WSS7012	7"	6.585"	7"	1-1/4"	1/2"	1-1/4"	3/8	2000	6		6.00	**126.47**
WSS7015	7"	6.585"	7"	1-1/2"	1/2"	1-1/4"	3/8	9000	6		7.00	**126.47**
WSS7020	7"	6.585"	7"	2"	1/2"	1-1/4"	3/8	9000	6		7.00	**126.22**
WSS7030	7"	6.585"	7"	3"	1/2"	1-1/4"	3/8	9000	6		7.00	**127.53**
WSS8010	8"	7.95"	8" - 8-1/4"	1"	1/2"	1-1/4"	3/8	6900	4		7.25	**125.54**
WSS8012	8"	7.95"	8" - 8-1/4"	1-1/4"	1/2"	1-1/4"	3/8	6900	4		7.25	**125.54**
WSS8015	8"	7.95"	8" - 8-1/4"	1-1/2"	1/2"	1-1/4"	3/8	6900	4		7.25	**125.45**
WSS8020	8"	7.95"	8" - 8-1/4"	2"	1/2"	1-1/4"	3/8	6900	4		7.25	**125.35**
WSS8025	8"	7.95"	8" - 8-1/4"	2-1/2"	1/2"	1-1/4"	3/8	6900	4		7.25	**153.40**
WSS8030	8"	7.95"	8" - 8-1/4"	3"	1/2"	1-1/4"	1/2	12000	4		7.25	**187.58**
WSS8040	8"	7.95"	8" - 8-1/4"	4"	1/2"	1-1/4"	5/8	27000	4		7.25	**223.17**
WSS10010	10"	9.95"	10"	1"	1/2"	1-1/4"	3/8	2800	3		17.00	**226.68**
WSS10012	10"	9.95"	10"	1-1/4"	1/2"	1-1/4"	3/8	2800	3		17.00	**226.93**
WSS10015	10"	9.95"	10"	1-1/2"	1/2"	1-1/4"	3/8	2800	3		17.00	**227.94**
WSS10020	10"	9.95"	10"	2"	1/2"	1-1/4"	3/8	2800	3		17.00	**222.72**
WSS10025	10"	9.95"	10"	2-1/2"	1/2"	1-1/4"	5/8	16500			17.00	396.75
WSS10030	10"	9.95"	10"	3"	1/2"	1-1/4"	5/8	16500	3		17.00	**319.29**
WSS10040	10"	9.95"	10"	4"	1/2"	1-1/4"	5/8	16500	3		17.00	**313.07**
WSS10050	10"	9.95"	10"	5"	1/2"	1"	3/4	34000	3		17.00	**276.11**
WSS10060	10"	9.95"	10"	6"	1/2"	1"	3/4	34000	3		17.00	**327.02**
WSS12012	12"	11.95"	12"	1-1/4"	1/2"	1-1/4"	3/8	2800	2		26.00	**281.01**
WSS12015	12"	11.95"	12"	1-1/2"	1/2"	1-1/4"	3/8	2800	2		26.00	**281.27**
WSS12020	12"	11.95"	12"	2"	1/2"	1-1/4"	1/2	6600	2		26.00	**325.18**
WSS12030	12"	11.95"	12"	3"	1/2"	1-1/4"	5/8	12000	2		26.00	**390.94**
WSS12040	12"	11.95"	12"	4"	1/2"	1-1/4"	5/8	12000	2		26.00	**391.60**
WSS12050	12"	11.95"	12"	5"	1/2"	1-1/4"	3/4	22000	2		26.00	**400.43**
WSS12060	12"	11.95"	12"	6"	1/2"	1-1/4"	3/4	22000	2		26.00	**400.63**

*** Note:** The 4" x 2" and 6" x 3" HD well seals have raised supports which the drop pipe fitting rests on. This keeps the fittings above the nuts and conduit bushing, making it possible to incorporate a 3/4" cable hole on the 4" x 2" and 1" cable hole on the 6" x 3" which is larger than the others on the market.

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SECTION 12
YARD HYDRANTS, WELL POINTS & HAND PUMPS

PRODUCT LINE **PAGE**

Heavy Duty Yard Hydrants 1

Yard Hydrant Parts 2

Standard Yard Hydrants 3

Stainless Steel Screen Drive Well Points 4

Drive Caps and Drive Couplings 4

PVC Points & Well Screens 5

Accessories 6

Hand Pump and Accessories 7

Leathers 8

BII PREMIUM YARD HYDRANTS

- Tough Heavy Duty Cast Iron Head with bucket hook has excellent flow characteristics, is tapped with a 3/4" FPT outlet and comes complete with a removable 3/4" GHT brass garden connector
- Large Heavy Duty Handle has longer hand grip for comfortable operation. It can be held firmly in any position to regulate flow by means of a S.S. thumb bolt and has a locking eye allowing the hydrant to be pad-locked in the closed position.
- Polished Stainless Steel operating rod reduces wear on the stem packing and provided maximum corrosion resistance.
- Double O-ring Sealing System provides a positive seal between the hydrant head and operating rod. The O-Rings are easily replaced, a great advantage over yard hydrants that use stem packing which is very difficult to remove and clean out of the head casting.
- One piece zinc plated pivot connector complete with a square head S.S. set screw allows for easy adjustment of the linkage
- Double zinc plated draw straps provide excellent corrosion resistance; have smooth operation with very limited play in the linkage.
- 1" Galvanized ASTM A53 Sch. 40 Stand Pipe (304 S.S. Sch. 40 pipe is available)
- Bronze and No Lead Bronze Valve Body offer superior flow rates, a self draining bleeder port (tapped 1/8 FPT) prevents riser pipe and valve head from freezing, available in a 3/4" FPT or 1" FPT.
- One Piece Plunger Buna-N-Rubber Molded over Stainless Steel Insert with triple groove design ensures that there is no chance of the rubber detaching from the Stainless core. The self-lubricating rubber prolongs the life of the plunger.
- 3/8" Steel Connecting Rod & Coupling. • Max Pressure 125 PSI • Max Temperature 120°F (48°C)

GALV STAND PIPE | **304 SS STAND PIPE**

PART NO.	LIST PRICE-A	PART NO.	LIST PRICE-A	BURY LENGTH	OVERALL LENGTH	WEIGHT (LBS)
3/4" FPT Inlet						
YHP-01	146.04	YHPCR-01	195.35	1'	45"	12.91
YHP-015	149.86	YHPCR-015	204.94	1-1/2'	51"	13.93
YHP-02	153.64	YHPCR-02	215.25	2'	57"	14.95
YHP-03	161.44	YHPCR-03	239.11	3'	69"	16.99
YHP-04	170.78	YHPCR-04	261.12	4'	81"	19.03
YHP-05	178.89	YHPCR-05	281.96	5'	93"	21.07
YHP-06	186.61	YHPCR-06	302.12	6'	105"	23.11
YHP-07	206.73	YHPCR-07	321.59	7'	117"	25.15
YHP-08	215.78	YHPCR-08	343.40	8'	129"	27.19
YHP-10	233.90	YHPCR-10	381.03	10'	153"	31.27
1" FPT Inlet						
YHPHC-01	165.16	YHPHCCR-01	203.52	1'	45"	13.05
YHPHC-015	169.34	YHPHCCR-015	213.50	1-1/2'	51"	14.07
YHPHC-02	173.47	YHPHCCR-02	226.47	2'	57"	15.09
YHPHC-03	182.01	YHPHCCR-03	251.02	3'	69"	17.13
YHPHC-04	192.22	YHPHCCR-04	273.65	4'	81"	19.17
YHPHC-05	201.10	YHPHCCR-05	295.08	5'	93"	21.21
YHPHC-06	209.54	YHPHCCR-06	315.82	6'	105"	23.25
YHPHC-07	231.54	YHPHCCR-07	335.85	7'	117"	25.29
YHPHC-08	241.44	YHPHCCR-08	358.29	8'	129"	27.33
YHPHC-10	261.25	YHPHCCR-10	396.99	10'	153"	31.41
YHPHC-13	304.05			13'	189"	

YHPCR/YHPHCCR Series with 304 SS Stand pipe recommended for use in Highly Corrosive Applications Such as Hog/Dairy Barn Washdown

NO LEAD PREMIUM YARD HYDRANTS

Pb NO LEAD <0.25% Pb by weighted avg. | Third Party Certified to NSF / ANSI 372

3/4" FPT Inlet No Lead Bronze Valve Body						
YHP-01NL	160.78	YHPCR-01NL	211.60	1'	45"	12.91
YHP-015NL	164.60	YHPCR-015NL	224.27	1-1/2'	51"	13.93
YHP-02NL	168.38	YHPCR-02NL	233.02	2'	57"	14.95
YHP-03NL	176.18	YHPCR-03NL	262.61	3'	69"	16.99
YHP-04NL	185.51	YHPCR-04NL	277.37	4'	81"	19.03
YHP-05NL	193.63	YHPCR-05NL	298.21	5'	93"	21.07
YHP-06NL	201.35	YHPCR-06NL	318.37	6'	105"	23.11
YHP-07NL	221.46	YHPCR-07NL	344.62	7'	117"	25.15
YHP-08NL	230.52	YHPCR-08NL	367.33	8'	129"	27.19
YHP-10NL	248.63	YHPCR-10NL	406.57	10'	153"	31.27
YHP-13NL	287.77			13'	189"	
1" FPT Inlet No Lead Bronze Valve Body						
YHPHC-01NL	177.54	YHPHCCR-01NL	219.31	1'	45"	13.05
YHPHC-015NL	181.72	YHPHCCR-015NL	229.18	1-1/2'	51"	14.07
YHPHC-02NL	185.85	YHPHCCR-02NL	239.77	2'	57"	15.09
YHPHC-03NL	194.39	YHPHCCR-03NL	264.32	3'	69"	17.13
YHPHC-04NL	204.59	YHPHCCR-04NL	286.96	4'	81"	19.17
YHPHC-05NL	213.47	YHPHCCR-05NL	308.39	5'	93"	21.21
YHPHC-06NL	221.92	YHPHCCR-06NL	329.13	6'	105"	23.25
YHPHC-07NL	243.91	YHPHCCR-07NL	356.20	7'	117"	25.29
YHPHC-08NL	253.81	YHPHCCR-08NL	379.56	8'	129"	27.33
YHPHC-10NL	273.63	YHPHCCR-10NL	419.92	10'	153"	31.41
YHPHC-13NL	316.44			13'	189"	

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" BII" YHP PREMIUM & YHPHC PREMIUM HI CAPACITY YARD HYDRANT PARTS

VALVE BODY PART NO.	DESCRIPTION	LIST PRICE-A	DIAGRAM REFERENCE NO.
13YH-VB07HCNL	3/4" No Lead Bronze Valve Body	66.78	O
13YH-VB07	3/4" Heavy Duty Bronze Valve Body	44.48	O
13YH-VB10	1" Heavy Duty/High Capacity Bronze Valve Body	51.91	O
13YH-P01	Stainless & Rubber Plunger Complete	11.68	N

PART NO.	DESCRIPTION	LIST PRICE-A	DIAG. REF.NO.
13YH-HA	YARD HYDRANT HEAD ASSEMBLY - BLUE (COMPLETE)	99.24	
	Includes the following:		
	PART NO. DESCRIPTION		
	13YH-H01 Heavy Duty Head Casting - Blue	36.22	A
	13YH-H02 Heavy Duty Lever Casting - Blue	17.51	B
	13YH-H03 3/8" Steel Coupling	4.58	C
	13YH-H04 3/8" Stainless Steel Operating Rod	6.11	D
	13YH-H05 #204 O-Ring Nitrile Buna N (2)	2.04	E
	13YH-H06 3/4" Brass Packing Nut	5.76	F
	13YH-H07 1" Zinc Plated Steel Pivot Connector	6.37	G
	13YH-H08 5/16" -18 UNC x 3/4" 18.8 Stainless Steel Set Screw	**2.16**	H
	13YH-H09 Zinc Plated Steel Draw Strap-Colourized (2)	4.62	I
	13YH-H10/11 1/4" ss lever Bolt & locking nut		J/K
	13YH-H12 3/4" -14 NPT Brass Hose Bibb Adapter	6.56	L
	13YH-H13 5/16" -18 UNC x 3/4" Thumb Bolt	2.55	M
13YH-REPKIT	HYDRANT REPAIR KIT	27.29	
	Includes the following:		
	13YH-H09 Zinc plated draw strap colourized (2)		
	13YH-H07 1" Zinc plated pivot connector (1)		
	13YH-H08 5/16" -18 UNC x 3/4" 18.8 Stainless Steel Set Screw (1)		
	13YH-H06 3/4" Brass Packing Nut (1)		
	13YH-H05 #204 O-Ring Nitrile Buna N (2)		
	13YH-P01 Stainless & Rubber Plunger Complete (1)		

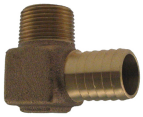
HYDRANT ELBOWS AND TEES

- No Lead Bronze and 304 Stainless options available
- 3/4" & 1" Male Threaded Connections
- Extra Long and Reducing options
- 3/4", 1" & 1-1/4" Insert Barb Connections

FOR A COMPLETE LIST, SEE SECTION 4

HLXL-075-100NL

HLU-NL


HL-100NL

HT-075-100NL

SSHL-100

NOTE: Replacement parts for Merrill Hydrants are still available. Please contact your Sales Rep for information.

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NO LEAD STANDARD YARD HYDRANTS

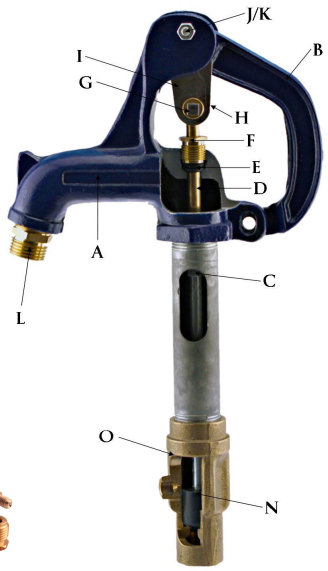
- Durable Cast Iron Head with bucket hook comes complete with a removable 3/4" GHT brass garden connector.
- Large Handle can be held firmly in any position to regulate flow by means of a zinc plated thumb bolt and has a locking eye as a standard feature allowing the hydrant to be pad-locked in the closed position.
- Brass Operating Rod provided good corrosion resistance.
- Double O-ring Sealing System provides a positive seal between the hydrant head and operating rod. The O-Rings are easy replaced when required after many years of service, a great advantage over yard hydrants that use stem packing which is very difficult to remove and clean out of the head casting.
- One piece brass pivot connector complete with a zinc plated square head set screw allows for easy adjustment of the linkage without disassembly.
- Zinc plated draw straps provide good corrosion resistance; have smooth operation with limited play in the linkage.
- 6 By-Pass channels in No Lead Brass Valve Body offer good flow rates, self draining bleeder port (tapped 1/8 FPT) prevents riser pipe and valve head from freezing.
- One Piece Plunger Buna-N-Rubber Molded over Brass Insert provides a positive seal and easy adjustment.
- 1" Galvanized Stand Pipe
- 3/8" Steel Connecting Rod & Coupling
- Max Pressure 125 PSI
- Max Temperature 120°F (48°C)

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

PART NO.	BURY LENGTH	OVERALL LENGTH	WEIGHT (LBS)	LIST PRICE-A
3/4" FPT Inlet				
YHS-01NL	1'	39.2"	11.00	89.40
YHS-02NL	2'	51.2"	12.50	95.49
YHS-03NL	3'	63.2"	14.25	97.81
YHS-04NL	4'	75.3"	16.37	104.14
YHS-05NL	5'	87.3"	18.94	110.23
YHS-06NL	6'	99.3"	20.00	116.20

YHS STANDARD YARD HYDRANT PARTS

PART NO.	DESCRIPTION	LIST PRICE-A	DIAG. REF.NO.
2-13YH-HA	YARD HYDRANT HEAD ASSEMBLY - COMPLETE	73.43	
	Includes the following:		
	PART NO. DESCRIPTION		
	2-13YH-H01 Head Casting	34.26	A
	2-13YH-H02 Lever Casting	11.99	B
	2-13YH-H03 3/8" Steel Coupling	1.22	C
	2-13YH-H04 3/8" Brass Operating Rod	9.10	D
	2-13YH-H05 #204 O-Ring Nitrile Buna N (2)	0.36	E
	2-13YH-H06 3/4" Brass Packing Nut	3.57	F
	2-13YH-H07 1" Zinc Plated Steel Pivot Connector	6.30	G
	2-13YH-H08 Zinc Square Head Set Screw	**2.15**	H
	2-13YH-H09 Zinc Plated Steel Draw Strap-Colourized (2)	3.15	I
	13YH-H10/11 1/4" ss lever Bolt & locking nut		J/K
	2-13YH-P01 Brass & Rubber Plunger Complete (1)	14.57	N
	2-13YH-VB07 3/4" No Lead Brass Valve Body	44.88	O
2-13YH-REPKIT	HYDRANT REPAIR KIT	29.98	
	Includes the following:		
	2-13YH-H09 Zinc plated draw strap (2)		
	2-13YH-H07 1" Zinc plated pivot connector (1)		
	2-13YH-H08 Zinc Plated Hex Bolt (1)		
	2-13YH-H06 3/4" Brass Packing Nut (1)		
	2-13YH-H05 #204 O-Ring Nitrile Buna N Rubber (2)		
	2-13YH-P01 Plunger Assembly (2) / Old Style / New Style		



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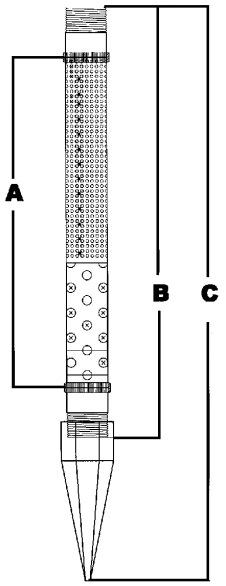
STAINLESS STEEL SCREEN DRIVE WELL POINTS

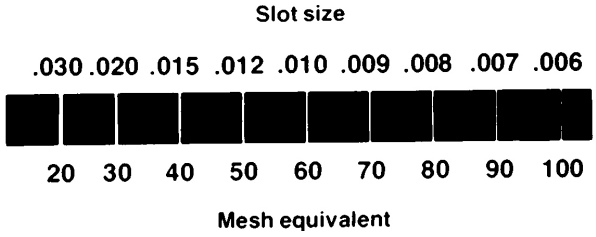
- Rugged design with octagonal ductile iron head to prohibit turning in tough driving conditions
- Extendable in the field by removing head and coupling together with second well point for added capacity
- Bronze MIG weld top and bottom to prohibit screen shift or peeling (preferable to a compression/mechanical fastening system)
- Spotweld at 3/8" centers to prevent seam opening
- Stainless steel screen with 1/8" staggered perforations for maximum open area
- Compact design which provides equal to or greater than screening area of competing brands
- Solid steel columns running the entire length of the galvanized pipe ensuring structural integrity

NO LEAD <0.25% Pb by weighted avg. — Third Party Certified to NSF / ANSI 372

PART NO.	PIPE SIZE	SCREEN LENGTH-A	PIPE LENGTH-B	OVERALL LENGTH-C	MESH	LIST PRICE-A
WP12-24-60M	1-1/4"	18"	24"	29"	60	63.00
WP12-24-80M	1-1/4"	18"	24"	29"	80	63.00
WP12-30-60M	1-1/4"	24"	30"	35"	60	71.01
WP12-30-80M	1-1/4"	24"	30"	35"	80	71.01
WP12-30-100M	1-1/4"	24"	30"	35"	100	71.01
WP12-36-60M	1-1/4"	30"	36"	41"	60	80.12
WP12-36-80M	1-1/4"	30"	36"	41"	80	80.12
WP12-36-100M	1-1/4"	30"	36"	41"	100	80.12
WP12-48-60M	1-1/4"	42"	48"	53"	60	103.90
WP12-48-80M	1-1/4"	42"	48"	53"	80	103.90
WP12-48-100M	1-1/4"	42"	48"	53"	100	103.90
WP20-36-60M	2"	30"	36"	42"	60	131.58
WP20-36-80M	2"	30"	36"	42"	80	131.58
WP20-36-100M	2"	30"	36"	42"	100	131.58
WP20-48-60M	2"	42"	48"	55"	60	159.48
WP20-48-80M	2"	42"	48"	55"	80	159.48



It is important when ordering points that you compare the actual open area as some points have 50% less perforations resulting in severely jeopardized flow capacity.
Therefore excessive pipe without straining capacity which is visible or concealed beneath the screen is not always the most effective point.



DRIVE CAPS AND DRIVE COUPLINGS

DRIVE CAPS - BLACK

PART NO.	SIZE	LIST PRICE-A
18-181	1-1/4"	7.08
18-183	2"	22.80

DRIVE COUPLINGS - GALVANIZED

PART NO.	SIZE	LIST PRICE-A
18-184	1-1/4"	9.68
18-186	2"	17.73

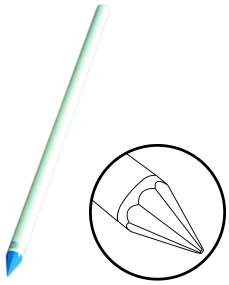
Note: Boshart Industries recommends the use of drive caps and drive couplings with Stainless Steel well points. The use of malleable couplings and caps is not recommended.

PVC POINTS & WELL SCREENS

The entire line of Well Screens, Well Points, Jet Points are constructed of durable PVC pipe and rugged thermoplastic points. Precision slotting provides for maximum flow capacity while maintaining strength and durability. All screens are slotted horizontally to provide more strength against collapsing and closing due to sand pressure and allow more open area per foot than vertical slotting. Should screens become plugged or encrusted by aggressive water, they can be cleaned without harm to the screen. Ideal for use in natural or artificial gravel packed wells...monitoring wells...dewatering applications...test wells...irrigation wells...screens in lakes, canals and ponds.

PVC WELL POINTS (1-1/4" , 1-1/2" , 2")

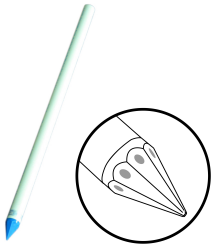
Commonly used for small diameter shallow wells in residential, irrigation and water systems. While *not recommended for hard driving*, Well Points can easily be *washed* down and then driven lightly into the water bearing sand or light gravel formation in a lake or stream, or in a bored, dug or drilled well. Additionally, points can act as a screen cap or plug to eliminate sand upheaval through the well bottom.



PART NO.	PIPE SIZE	LENGTH (FEET)	SLOT SIZE	SHIPPING WT-lbs	CTN QTY	LIST PRICE-A
PWP12-36-010	1-1/4"	3	.010	1.4		16.20
PWP12-48-010	1-1/4"	4	.010	1.8		21.41
PWP12-60-010	1-1/4"	5	.010	2.2		26.57
PWP15-36-010	1-1/2"	3	.010	1.6		47.20
PWP15-48-010	1-1/2"	4	.010	2.1		48.16
PWP15-60-010	1-1/2"	5	.010	2.7		60.26
PWP20-36-010	2"	3	.010	2.2		21.87
PWP20-48-010	2"	4	.010	2.9		29.02
PWP20-60-010	2"	5	.010	3.6		36.12

PVC JET POINTS (1-1/4" , 2")

Similar to Well Points but offer the versatility and simplicity of being attached to a well screen, thus eliminating the added expense of a washdown valve and additional labour and material. Unique design allows for maximum fluid circulation and forceful jetting action. For rapid installation and development of a single well or multi-well monitoring and residential applications.



NPS PIPE THREAD	PART NO.	PIPE SIZE	LENGTH (FEET)	SLOT SIZE	SHIPPING WT-lbs	CTN QTY	LIST PRICE-A
1/2"	PWJP12-36-010	1-1/4"	3	0.010	1.4		54.80
1"	PWJP20-36-010	2"	3	0.010	2.3		102.09
1"	PWJP20-60-010	2"	5	0.010	3.7		112.00

PUMP SAVERS

PART NO.	OVERALL LENGTH	FT. SLOTTED	DISCHARGE PIPE SIZE	SLOT SIZE	CTN QTY	LIST PRICE-A
PWPS40-60-010	63"	3	1.25	0.010		293.35
PWPS40-60-040	63"	3	1.25	0.040		293.35

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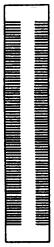
PVC WELL SCREENS

Generally used when the design of the well requires attachment of the screen directly to the well casing; and where it is desired to maintain the same inside diameter throughout the full depth of the well. Well screens correspond with standard OD - ID Schedule 40 PVC weights and sizes. Smaller diameter screens may be telescoped inside larger casings with the use of K-Packers or other approved forms of sealing the void space between the screen and casing.

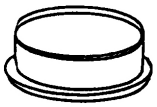


PART NO.	PIPE SIZE	LENGTH (FEET)	SLOT SIZE	SHIPPING WT-lbs	CTN QTY	LIST PRICE-A
PWS20-48-010	2"	4	0.010	2.8		46.68
PWS20-60-010	2"	5	0.010	3.5		58.33
PWS30-48-010 *	3"	4	0.010	5.7		95.68
PWS30-60-010 *	3"	5	0.010	7.2		119.59
PWS40-48-010	4"	4	0.010	8.2		122.57
PWS40-60-010	4"	5	0.010	10.2		153.22

* Non-stock item. Product must be ordered in carton quantities. Check with your Sales Representative for delivery information

FLUSH SLIP PLUGS (SCHEDULE 40 PIPE)

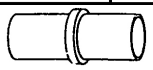
PART NO.	PIPE SIZE	CTN	LIST PRICE-A
PWA-PL20	2"		4.00
PWA-PL40	4"		18.50



SEAL WELL PRODUCTS FLUSH INSIDE SLIP COUPLINGS

PWA-FC12	1-1/4"	25	1.37
PWA-FC15	1-1/2"	25	1.56
PWA-FC20	2"	25	2.31

NO LEAD LEAD-FREE — Third Party Certified to NSF / ANSI 372



WASHDOWN VALVES (SAND SHARK)

Valve is supplied with a coupling.

PWA-WDV20	2"	61.85

WELL POINTS (PVC)

PWA-PT12	1-1/4"	7.75
PWA-PT20	2"	15.31
PWA-PT40	4"	37.63

WELL SCREEN CAPS

PWA-CA20	2"	4.22

HAND PUMP

Recommended for shallow pump applications. This pump is ideal for installation on a barrel or holding tank.

- Maximum lift rating is 25 feet or less (measured from the water surface to the spout)
  NOTE: At sea level and under ideal conditions, this pump has the potential lift of 28 feet maximum. At higher elevations the distance water can be lifted is reduced due to the drop in atmospheric pressure. Deduct 1 foot of lift for every 1000 feet elevation above sea level, and 1 foot lift for every 50 feet of horizontal piping if applicable.
- Heavy cast iron construction with black enamel paint finish
- Open spout
- Leather valve and plunger cup
- 3" i.d. cylinder barrel
- 1-1/4" drop pipe connection
- 15-3/4" high
- 15 lbs

PART NO	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
19-HP	1	125	91.07

REPLACEMENT PARTS

PART NO	DESCRIPTION	LIST PRICE-A
19-HP-01	3" Plunger Assembly	27.22
19-HP-02	Valve leather & Weight Assembly	7.90
19-HP-06	Repair Kit, Valve and Cup Leather	11.81
19-VL312	3-1/2" Valve Leather	12.45
CLS3-L	3" Cup Leather	23.95

* See page 12-8 for pricing

ROD COUPLINGS #720 FEMALE ROD TO FEMALE ROD

PART NO.	SIZE	SIZE OF HEXAGON	OVERALL LENGTH	QTY	LIST PRICE-A
19-RC720-01 *	3/8" x 3/8"	5/8"	1-1/2"	25	5.08
19-RC720-03	7/16" x 7/16"	5/8"	1-3/4"	25	5.08
19-RC720-05	1/2" x 7/16"	11/16"	1-3/4"	Bulk	14.16
19-RC720-06 *	1/2" x 1/2"	11/16"	1-3/4"	25	5.35
19-RC720-07	5/8" x 7/16"	13/16"	2-1/8"	Bulk	13.45
19-RC720-09 *	5/8" x 5/8"	13/16"	2-1/8"	Bulk	7.20

* Non-stock item. Check with your Sales Representative for delivery information

GALVANIZED PUMP ROD

21 FT. LENGTHS - 10 LENGTHS TO A BUNDLE - 110 LBS PER BUNDLE

PART	DESCRIPTION	LIST PRICE-A
19-PR716	7/16 Threaded And Coupled	9.40 FT

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SOFT CUP LEATHERS

SIZE O.D.	PART NO. 1/4" S.H.	PART NO. 3/8" S.H.	PART NO. 1/2" S.H.	PART NO. 5/8" S.H.	PART NO. L.H.	LG. HOLE SIZE	CTN QTY	LIST PRICE-A
1-1/8"		CLS118						8.38
1-1/4"	CLS114-2		CLS114-5	CLS114				8.38
1-3/8"			CLS138-5	CLS138				9.21
1-1/2"			CLS112-5	CLS112				9.13
1-5/8"			CLS158-5	CLS158	CLS158-L	1-1/8"		10.03
1-11/16"					CLS11116-L	1"		12.57
1-3/4"				CLS134	CLS134-L	1-1/8"		12.57
1-13/16"				CLS11316	CLS11316-L	1-3/16"		12.57
1-7/8"				CLS178				12.65
2"				CLS2	CLS2-L	1-1/4"		12.87
2-1/8"					CLS218-L	1-5/16"		13.25
2-1/4"				CLS214	CLS214-L	1-1/2"		13.62
2-1/2"				CLS212	CLS212-L	1-5/8"		14.97
2-3/4"					CLS234-L	1-7/8"		16.39
2-7/8"					CLS278-L	2"		20.13
3"				CLS3	CLS3-L	2"		23.95
3-1/2"				CLS312	CLS312-L	2-1/2"		28.07
4"				CLS4	CLS4-L	3"		36.15

VALVE LEATHERS

PART NO.	LEATHER SIZE OUTSIDE DIA.	FOOT VALVE SIZE	CTN QTY	LIST PRICE-A
19-VL2	2"			8.17
19-VL212	2-1/2"	1"		10.00
19-VL234	2-3/4"	1-1/4"		11.30
19-VL3	3"	1-1/2"		11.57
19-VL312	3-1/2"			12.45
19-VL4	4"			13.13
19-VL412	4-1/2"			18.92
19-VL414	4-1/4"	2"		17.15
19-VL5	5"	3"		19.32
19-VL6	6"			46.75
19-VL634	6-3/4"			50.35
19-VL714	7-1/4"	4"		66.55
19-VL934	9-3/4"	6"		101.73
19-VL10	10"			109.08
19-VL1278	12-7/8"	8"		170.73

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SECTION 13
SUMP & SEWAGE ACCESSORIES

PRODUCT LINE **PAGE**

Liquid Level Alarms 1

PVC Swing Check and Backwater Valves 2

Combination Ball/Swing Check Valves 3

Technical Data re Compression Fittings 3

Sump Pump Check Valves 4

Sump Pump Discharge Kit 4

Float Switches 5

Sensor Switches 6

PVC Ball Check 7

Water Box 7

Cable Weights and Accessories 8

Tapped Pitless Adapters 8

BII LIQUID LEVEL ALARMS (INDOOR)

The 850H & 850L series liquid level alarms are a multi purpose alarm that can be used in a wide variety of applications such as: cisterns, residential sewage basins, septic tanks, sump basins, holding tanks, pump chambers, water tanks, and any others where detection of high or liquid level conditions is required.

Features:

- Low voltage switch circuit, the float switch operates on low voltage (9 VDC) and is isolated from main power line to reduce the possibility of shock
- 9 VDC battery (not included) back-up for temporary protection during power outages
- Green "power on" light and Red "alarm/silenced" light, the red silenced light will remain on when the switch is in the silence "S" position, this provides visual notification that the signalling device is still active even though the audible alarm has been silenced.
- 103 dB buzzer alarm (@ 2 feet) with Push-to-Test switch
- Alarm comes complete with auxiliary contacts to allow connection to an auto dialer, BAS (building automation system) or SCADA (supervisory control and data acquisition) system for remote detection and notification of alarm conditions.

Construction / Ratings:

- NEMA Type 1 Enclosure for indoor use only, has external mounting flange for quick and easy installation
- Primary Power (to alarm) 120 VAC, 60 Hz
- Secondary Power (to control switch/signalling device) Class 2, 9 VDC, 200 mA
- 5' power cord comes with cable clip for secure installation and prevents accidental disconnect from power source
- High impact PVC float housing provides excellent corrosion resistance
- SJOW flexible CPE rubber (chlorinated polyethylene) 18 gauge 2 conductor cable
- Single pole, single throw float switch is mechanically activated with snap action contacts, not sensitive to rotation or turbulence
- Operating Temperature: 0 to 140°F (-17 to 60°C)
- cULus Listed to ANSI/UL 2017 & CSA-C22.2 No. 205 Standards

PART NO.	DESCRIPTION	QUANTITY CTN	QUANTITY CASE	LIST PRICE-A
HIGH LEVEL - Contacts are normally open and will activate alarm with high liquid level				
850H-10	High level alarm with 10' switch cord	24		174.47
850H-20	High level alarm with 20' switch cord	20		181.42
850H-30	High level alarm with 30' switch cord	12		197.73
850H-50	High level alarm with 50' switch cord	12		220.86
LOW LEVEL - Contacts are normally closed and will activate alarm with low liquid level				
850L-10	Low level alarm with 10' switch cord	24		174.47
850L-20	Low level alarm with 20' switch cord	20		181.42
850L-30	Low level alarm with 30' switch cord	12		197.73
850L-50	Low level alarm with 50' switch cord	12		220.86

NOTE: Dual Rated Alarms for either Indoor or Outdoor use are available. Dual Rated for Type 1 Indoor Use & Type 4X Outdoor Use - Waterproof against pressurized wash-downs. Please contact your Sales Rep for more information.

ACCESSORIES FOR LIQUID LEVEL ALARMS

The 850-WSF water sensor is a reliable leak detection sensor that can be used in a wide variety of applications such as: basements, sumps, air conditioner condensate run over, water heaters, computer and utility rooms. The sensor comes standard with a 15' (4.572 M) cable that quickly connects to any 850 series alarm. Connect up to 6 sensors for complete zone protection.

PART NO.	DESCRIPTION	QUANTITY CASE	LIST PRICE-A
850-WSF	Flat water sensor for floor detection		64.31

The 850-WSP water sensor is a reliable leak detection probe sensor that can be used in a wide variety of applications such as: sump basins, water tanks and drain pans. The sensor comes standard with a 15' (4.572 M) cable that quickly connects to any 850 series alarm. Connect up to 6 sensors for complete zone protection.

PART NO.	DESCRIPTION	QUANTITY CASE	LIST PRICE-A
850-WSP	Probe water sensor for tank/basin overflow detection		75.38

The 850-AD auto dialer connects to the auxiliary contacts on any 850 series alarm and can provide early warning calls to any combination of 4 programmed phone numbers in the event of an active alarm due to pump failures or flooding.

PART NO.	DESCRIPTION	QUANTITY CASE	LIST PRICE-A
850-AD	Auto dialer		694.84

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SEAL WELL PRODUCTS SWING CHECK VALVES

- Excellent choice for Sump, Sewage and Grinder pump applications.
- Full port design for less friction and easier pumping.
- Angled seat provides quiet operation by minimizing water hammer.
- Designed for vertical ◇ or horizontal ◇◇ installation.
- Manufactured from PVC type 1 grade 1 material, meeting ASTM-D1784.
- Compatible with schedule 40 & 80 pipe.
- Max Pressure: 150 PSI at 72°F.
- Body: White

STANDARD PART NO.	LIST PRICE-A	QUIET PART NO.	LIST PRICE-A	IPS SIZE CONNECTION INLET	IPS SIZE CONNECTION OUTLET	BODY LENGTH	QTY CASE
17SPCV-1215	26.49			1-1/4" or 1-1/2" Compression	1-1/4" or 1-1/2" Compression	5.59"	12
17SCC-12*	60.22			1-1/4" Compression	1-1/4" Compression	7.50"	12
17SCC-15	43.95	17QSCC-15	55.49	1-1/2" Compression	1-1/2" Compression	8.38"	12
17SCC-20	61.66	17QSCC-20	76.27	2" Compression	2" Compression	9.00"	12
17SCC-30*	241.92			3" Compression	3" Compression	14.00"	2
17SCTU-15	34.36	17QSCTU-15	42.45	1-1/2" Slip Union	1-1/2" Slip Union	10.04"	12
17SCTU-20	49.95	17QSCTU-20	61.89	2" Slip Union	2" Slip Union	10.94"	12

17SPCV-1215

17SCC-15

17SCTU-15

* Products are not Seal Well Products
◇ Best practice is to install valves in the VERTICAL position when pumping SOLID FREE liquids.
◇◇ IMPORTANT: When pumping SOLIDS/SEMI SOLIDS valve must be installed HORIZONTALLY (up to 45° angle acceptable). Extra care must be taken to ensure the flow arrow points away from the pump AND the check valve body is oriented as per the marking on the valve body HORIZONTAL USE THIS SIDE UP. Failure to position the swing check valve with the hinge of the flapper in the top center position will result in the valve not functioning properly.

PVC SOLVENT WELD SWING CHECK

- Same as PVC Compression Swing Check, but with solvent weld ends

STANDARD PART NO.	LIST PRICE-A	QUIET PART NO.	LIST PRICE-A	IPS SIZE CONNECTION INLET	IPS SIZE CONNECTION OUTLET	BODY LENGTH	QTY CASE
17SCS-05	42.13			1/2" Slip	1/2" Slip	4-1/2"	20
17SCS-07	42.89			3/4" Slip	3/4" Slip	4-1/2"	25
17SCS-10	44.41			1" Slip	1" Slip	5-1/8"	25
17SCS-12	47.31			1-1/4" Slip	1-1/4" Slip	5-1/4"	12
17SCS-15 †	28.58	17QSCS-15 †	39.07	1-1/2" Slip	1-1/2" Slip	5-3/4"	9
17SCS-20 †	40.62	17QSCS-20 †	54.45	2" Slip	2" Slip	6"	6
17SCS-30	132.82			3" Slip	3" Slip	9"	4
17SCS-40	188.20			4" Slip	4" Slip	9-1/2"	

† products are Seal Well Products

Max Pressure 125 PSI @ 72°F

PVC BACKWATER VALVE

- Gasketed flapper ensures a water tight seal
- Flapper design allows for unrestricted flow of effluent
- Made of corrosion-free materials to assure inside remains smooth without flaking or pitting
- Used in nominally horizontal drain lines and branches
- All hubs are Sch. 40

PART NO.	IPS SIZE CONNECTION INLET	IPS SIZE CONNECTION OUTLET	QTY CASE	LIST PRICE-A
171530-20	2" Slip	2" Slip	8	144.70
171530-30	3" Slip	3" Slip	4	141.98
171530-40	4" Slip	4" Slip	2	157.39

SEAL WELL PRODUCTS COMBINATION BALL/ SWING CHECK VALVES

Seal Well 17CSBV Series combination check valve/ball type shut off valve allows for wastewater pumping applications combining both an in-line shut off and back flow prevention. The combination check/ball valve results in a more compact installation than two separate valves. Ideal for any installation, especially where space is limited. The check valves feature an angled seat design, minimizing flow reversal and potentially damaging hydraulic shock (water hammer). Excellent choice for Sump, Sewage and Grinder pump applications.

- Full port design for less friction and easier pumping.
- Angled seat provides quiet operation by minimizing water hammer.
- Designed for vertical ◇ or horizontal ◇◇ installation.
- Manufactured from PVC type 1 grade 1 material, meeting ASTM-D1784.
- Compatible with schedule 40 & 80 pipe.
- Max Pressure: 150 PSI at 72°F.
- Body: White

STANDARD PART NO.	LIST PRICE-A	QUIET PART NO.	LIST PRICE-A	IPS SIZE CONNECTION INLET	OUTLET	BODY LENGTH	QTY CASE
17SCBV-15SU	47.81	17QSCBV-15SU	52.64	1-1/2" Slip Union	1-1/2" Slip	10.30"	6
17SCBV-15TU	63.35	17QSCBV-15TU	68.87	1-1/2" Slip Union	1-1/2" Slip Union	11.65"	6
17SCBV-15UC	57.83	17QSCBV-15UC	63.47	1-1/2" Compression	1-1/2" Compression	10.93"	6
17SCBV-20SU	72.35	17QSCBV-20SU	81.98	2" Slip Union	2" Slip	11.90"	6
17SCBV-20TU	84.01	17QSCBV-20TU	93.22	2" Slip Union	2" Slip Union	12.59"	6
17SCBV-20UC	77.33	17QSCBV-20UC	86.45	2" Compression	2" Compression	13.90"	6

17SCBV-15SU

17SCBV-15TU

17SCBV-15UC

◇ Best practice is to install valves in the VERTICAL position when pumping SOLID FREE liquids.
◇◇ IMPORTANT: When pumping SOLIDS/SEMI SOLIDS valve must be installed HORIZONTALLY (up to 45° angle acceptable). Extra care must be taken to ensure the flow arrow points away from the pump AND the check valve body is oriented as per the marking on the valve body HORIZONTAL USE THIS SIDE UP. Failure to position the swing check valve with the hinge of the flapper in the top center position will result in the valve not functioning properly.

TECHNICAL DATA RE COMPRESSION FITTINGS

BUNA-N SEALS The gasket seal is made of high quality Buna-N Elasteromic compound which meets the requirements of ASTM D-2000. It is generally resistant to many hydrocarbons, fats, oils, greases, hydraulic fluids and chemicals. It is generally attacked by Ozone, Keytones, Esters, Aldchydes, chlorinated and nitro hydrocarbons. Reference chemical resistance under NBR (Nitrile) Elastomers for specific listings.

DOUBLE SEAL of standard compression fitting. A compressive action is created as the cap is tightened squeezing the Buna-N seals into the tapered recessed areas of the cap and body. This process creates a highly concentrated pressure at the two "double seal" points, thus providing positive protection against leakage (See illustration).

ACME THREAD General purpose 10 pitch Acme thread on Compression cap section, eliminates the possibility of cross threading. This smooth running design prevents binding or galling as is often experienced in standard tapered threads.

COMPRESSION CONNECTIONS Compression cap should be drawn up hand tight to insure proper alignment and seating of gasket, then tighten 3/4 to 1 turn with a Spanner Wrench or strap wrench. Average torque should be approximately 25 foot pounds on 1/2" through 2" IPS, and 35 foot pounds on 2 1/2" and larger IPS. Compression fittings are not recommended for use on compressed air lines or natural gas lines.

THREAD CONNECTIONS Use teflon tape on all IPS thread connections. IPS thread connection should be made hand tight plus 1/2 to 3/4 turn with a wrench.

THRUST BLOCKING When installing the Standard Compression Seal fittings the pipe line must be restrained from lateral movement by thorough soil compaction on straight runs and thrust blocking at change of direction or reduction in size. Not recommended for use on pipe lines suspended on hangers.

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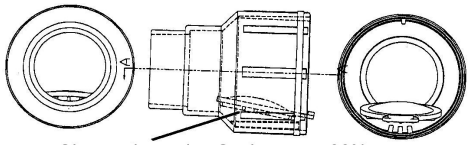
NO LEAD LEAD-FREE

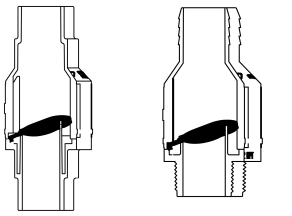
SEAL WELL PRODUCTS SUMP PUMP CHECK VALVES

FEATURES
- Full Port Valve design
- Flapper opens 100%, a feature that sets this valve apart from any of the competition
- Flapper is seated on a 15° angle to reduce water hammer when pump is shut off
- The design of the flapper prevents debris from building up or getting caught which ensures proper seating
- Made of durable ABS

Ratings:
- Maximum Temperature 140°F (60°C)
- Rubber Boot Installation: 10 feet of head/4.3 psi
- Solvent Weld Installation: 58 feet of head/25 psi



Zero Obstruction-Valve Seal opens 100%



BSC-125-150SXS BSC-150-150B

BSC-125-B BSC-150-150B

BSC-150 BSC-150-150S

BSC-150-SRS

Models designed to be threaded directly into pump discharge

PART NO.	INLET	OUTLET	QTY CTN	LIST PRICE-A
BSC-125-B	1-1/4" MPT	1-1/4" BARB or 1-1/2" SPIGOT	20	**3.89**
BSC-150-B	1-1/2" MPT	1-1/4" BARB or 1-1/2" SPIGOT	20	**3.92**
BSC-150-150B	1-1/2" MPT	1-1/2" BARB	20	**4.04**
BSC-125	1-1/4" MPT	1-1/4" or 1-1/2" SPIGOT	20	**4.02**
BSC-125-150S	1-1/4" MPT	1-1/2" SPIGOT	20	**3.99**
BSC-150	1-1/2" MPT	1-1/4" or 1-1/2" SPIGOT	20	**4.15**
BSC-150-150S	1-1/2" MPT	1-1/2" SPIGOT	20	**4.02**
• One reducing flexible rubber coupling (FRC) and two all stainless steel clamps provided				
BSC-125-SRS	1-1/4" MPT	1-1/4" or 1-1/2" FRC	10	**7.37**
BSC-150-SRS	1-1/2" MPT	1-1/4" or 1-1/2" FRC	10	**7.41**

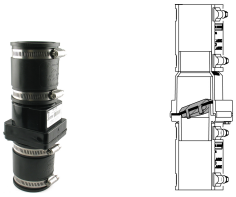
Models designed for quick and easy inline installation
- Completely assembled with straight or reducing flexible rubber coupling (FRC) on both inlet and outlet
- Four all stainless steel clamps provided

BSC-125-SB	1-1/4" FRC	1-1/4" FRC	10	**9.52**
BSC-150-SB	1-1/2" FRC	1-1/2" FRC	10	**9.85**
BSC-125/150-DRS	1-1/4" or 1-1/2" FRC	1-1/4" or 1-1/2" FRC	10	**10.41**
• Slip X Slip Body Only				
BSC-125/150-SXS	1-1/4" or 1-1/2" SPIGOT	1-1/4" or 1-1/2" SPIGOT	10	**4.23**
BSC-150-SXS	1-1/2" SPIGOT	1-1/2" SPIGOT	20	**4.16**

BSC-125/150-DRS BSC-125-SB

Sump / Sewage Check Valves
- Blow out proof nylon reinforce gasket design
- Flapper is seated on a 15° angle to reduce water hammer when pump is shut off

BSC-200-SB	2" FRC	2" FRC	12	**19.67**



BSC-200-SB

SUMP PUMP DISCHARGE KIT

- Kit includes 24 ft. of corrugated polyethylene sump pump tubing, one plastic adapter and one clamp 301 stainless band and housing - carbon steel screw
- Cutting pads at 6 ft. intervals for special applications

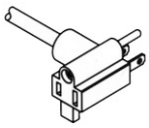
PART NO.	TUBING SIZE	FITTING SIZE	QUANTITY CTN	CASE	LIST PRICE-A
SPDK125-24	1-1/4" X 24'	1-1/4" MPT X 1-1/4" Barb	8		19.61
SPDK125-24-CV	1-1/4" X 24'	1-1/4" MPT X 1-1/4" Barb Includes Check Valve BSC-125-B	8		24.40
SPDK125150-24	1-1/4" X 24'	1-1/4" x 1-1/2" MPT	8		19.61
SPDK150-24	1-1/2" X 24'	1-1/2" MPT X 1-1/2" Barb	6		24.86

FLOAT SWITCHES

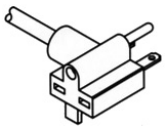
Mechanical float switches have many important features. The internal structure contains precision molded parts with only two moving pieces. A steel ball moves through a solidly constructed housing to activate a switch arm that triggers a top quality miniature snap action switch.

The floats are supplied with Chlorinated Polyetheylene (CPE) jacketed (SJOW-A/CSA Type SJOW) cords, with 120 or 240 volt series(piggy back) plugs which eliminates the need for internal wiring in the pump motor. The units can also be supplied without plugs or in various lead lengths.

Normally open switches are used for pumping liquid levels down. Normally closed switches are for pumping liquid levels up.



120 VAC SERIES PLUG



240 VAC SERIES PLUG

1/2 HP FLOAT SWITCHES - PUMP UP AND PUMP DOWN - IMPORT

- 862D series contacts are normally open, used for emptying / high level alarm applications
- 862U series contacts are normally closed, used for filling / low level alarm applications
- High impact, corrosion resistant, Black Polypropylene float housing
- SJOW flexible CPE rubber (Chlorinated Polyethylene) 16 gauge, 2 conductor cable
- Mechanically activated, wide angle pump switch, not sensitive to rotation or turbulence
- Max Operating Temperature: 140°F (60°C) • Ratings: 13 amps - 1/2 HP @ 120 VAC 50/60 Hz
- UL Listed to ANSI/UL 508 & CSA Listed to CSA-C22.2 No. 14 Standards

PUMP DOWN PART NO.	LIST PRICE-A	PUMP UP PART NO.	LIST PRICE-A	QUANTITY CTN	VOLTAGE	CORD LENGTH
862D-120-10	**48.19**	862U-120-10	**48.19**	10	120 VAC	10 Ft
862D-120-15	**55.47**	862U-120-15	**55.47**	10	120 VAC	15 Ft
862D-120-20	**64.01**	862U-120-20	**64.01**	10	120 VAC	20 Ft

1/2 HP FLOAT SWITCHES - PUMP UP AND PUMP DOWN DOMESTIC

- 860D series contacts are normally open, used for emptying / high level alarm applications
- 860U series contacts are normally closed, used for filling / low level alarm applications
- High impact Grey PVC float housing provides excellent corrosion resistance
- SJOW flexible CPE rubber (chlorinated polyethylene) 14 gauge 2 conductor cable
- 90 degree switching differential is mechanically activated with snap action contacts, not sensitive to rotation or turbulence
- Operating Temperature: 0 to 140°F (-17 to 60°C) • Ratings: 13 amps - 1/2 HP @ 120 VAC / 1 HP @ 240 VAC
- cULus Listed to ANSI/UL 508 & CSA-C22.2 No. 14 Standards

PUMP DOWN PART NO.	LIST PRICE-A	PUMP UP PART NO.	LIST PRICE-A	QUANTITY CTN	VOLTAGE	CORD LENGTH
860D-120-10	**56.98**	860U-120-10	**56.98**	24	120 VAC	10 Ft
860D-120-15	**62.87**	860U-120-15	**60.24**	24	120 VAC	15 Ft
860D-120-20	**69.23**	860U-120-20	**69.23**	24	120 VAC	20 Ft
860D-120-30	**83.06**	860U-120-30	**83.06**	12	120 VAC	30 Ft
860D-120-50	**114.83**	860U-120-50	**114.83**	12	120 VAC	50 Ft
860D-240-10	**61.80**	860U-240-10	**59.21**	24	240 VAC	10 Ft
860D-240-15	**64.82**	860U-240-15	**64.82**	24	240 VAC	15 Ft
860D-240-20	**74.50**	860U-240-20	**74.50**	24	240 VAC	20 Ft

1 & 2 HP FLOAT SWITCHES - PUMP UP AND PUMP DOWN DOMESTIC

- 870D series contacts are normally open, used for emptying / high level alarm applications
- 870U series contacts are normally closed, used for filling / low level alarm applications
- High impact Grey PVC float housing provides excellent corrosion resistance
- SJOW flexible CPE rubber (chlorinated polyethylene) 14 gauge 2 conductor cable
- 90 degree switching differential is mechanically activated with snap action contacts, not sensitive to rotation or turbulence
- Operating Temperature: 0 to 140°F (-17 to 60°C) • Ratings: 15 amps - 1 HP @ 120 VAC / 2 HP @ 240 VAC
- cULus Listed to ANSI/UL 508 & CSA-C22.2 No. 14 Standards

PUMP DOWN PART NO.	LIST PRICE-A	PUMP UP PART NO.	LIST PRICE-A	QUANTITY CTN	VOLTAGE	CORD LENGTH
870D-120-10	**112.32**	870U-120-10	**112.32**	24	120 VAC	10 Ft
870D-120-20	**124.21**	870U-120-20	**124.21**	24	120 VAC	20 Ft
870D-120-30	**136.56**	870U-120-30	**132.63**	12	120 VAC	30 Ft
870D-240-10	**116.06**	870U-240-10	**116.06**	24	240 VAC	10 Ft
870D-240-20	**134.56**	870U-240-20	**134.56**	24	240 VAC	20 Ft
870D-240-30	**143.71**	870U-240-30	**147.83**	12	240 VAC	30 Ft

NOTE: Available in longer cord lengths. Please call your Sales Rep for more information.

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CONTROL SENSOR SWITCHES

Mechanical sensor switches have many important features. The sensor control switches are used for level sensing for alarms and pump control panels. The sensor switch does not have a plug, but the cord is skived to connect to terminals in a panel. The switch is rated at 1/4 H.P. 120/240 volts.

The floats are supplied with Chlorinated Polyetheylene (CPE) jacketed (18-2 SJOW-A) cords and the cords are available in various lead lengths.

Normally open switches are used for pumping liquid levels down and have a two wire connection. Normally closed switches are for pumping liquid levels up with a two wire connection. Double throw switches can be connected for either normally open or normally closed and have 3 wire connection.

- High impact Black PVC float housing provides excellent corrosion resistance
- SJOW flexible CPE rubber (chlorinated polyethylene) 18 gauge 2 conductor cable
- 10 degree switching differential is mechanically activated with snap action contacts, not sensitive to rotation or turbulence
- Operating Temperature: 0 to 140°F (-17 to 60°C)
- Ratings: 4 amps - 120 / 240 VAC
- cULus Listed to ANSI/UL 508 & CSA-C22.2 No. 14 Standards

Single Throw Pump Down - Contacts Normally Open
880NO series contacts are normally open, used for emptying / high level alarm applications

PART NO.	LIST PRICE-A	QUANTITY CTN	VOLTAGE	CORD LENGTH
880NO-10	**45.84**	24	120 VAC	10 Ft
880NO-15	**49.80**	24	120 VAC	15 Ft
880NO-20	**53.80**	24	120 VAC	20 Ft
880NO-30	**68.85**	12	120 VAC	30 Ft

Single Throw Pump Up - Contacts Normally Closed
880NC series contacts are normally closed, used for filling / low level alarm applications

PART NO.	LIST PRICE-A	QUANTITY CTN	VOLTAGE	CORD LENGTH
880NC-10	**45.84**	24	120 VAC	10 Ft

Double Throw - Contacts Normally Open or Closed
880NOC series contacts are normally open or closed, used for emptying or filling applications

PART NO.	LIST PRICE-A	QUANTITY CTN	VOLTAGE	CORD LENGTH
880NOC-10	**59.67**	24	120 VAC	10 Ft
880NOC-20	**67.31**	24	120 VAC	20 Ft
880NOC-30	**78.26**	12	120 VAC	30 Ft

NOTE: Available in longer cord lengths. Please call your Sales Rep for more information.

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MODELS 208T/208S - PVC BALL CHECK

- Corrosion resistant PVC body
- Threaded female x female connection
- NITRILE (Buna-N) self-cleaning ball
- E-Z access port with nitrile seal.

SIZE	PART NO.	WGT	LIST PRICE-A
1"	172131T	1.0	128.95
1-1/4"	172132T	1.0	115.39
1-1/2"	172133T	2.0	184.71
2"	172134T	2.0	188.31

Also available with socket weld (slip)
(Model 208S)

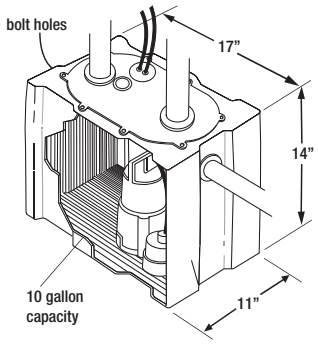
Temp Max 180°F (80°C)
Pressure Max 100 PSI

NOTE: Cast Iron Ball and Swing Checks are available for Sump & Sewage applications

THE WATER BOX

- ACCEPTS MOST ANY SUBMERSIBLE PUMP
- Instantly and economically solves waste water handling problems for laundry tubs, washing machines, wet bars, dehumidifiers or any other waste water storage and pumping applications
- Construction: Rotationally molded from totally corrosion resistant polypropylene with no seams for maximum durability
- Installation: The bolt down cover allows easy access for installation or removal of 1-1/4" or 1-1/2" sump pump
- 1-1/2" inlet connection is threaded
- 2" Vent Pipe can be installed if necessary

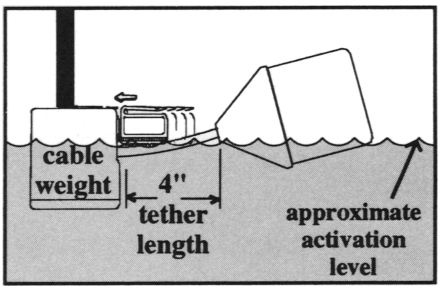
PART NO.	DIMENSIONS	CAPACITY	LIST PRICE-A
SPWB-10	17" X 11" X 14"	10 Gallons	193.91



CABLE WEIGHT

- Provides a secure, adjustable, external pivot point for float switches
- Features: Impact-resistant, non-corrosive PVC housing

PART NO.	LIST PRICE-A
890-AW	**31.75**



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ADJUSTABLE CABLE WEIGHT

This 1.20 lbs (544 grams) cable weight allows for easy adjustment of the tether length on sensor/non-internally weighted float switches, manufactured from zinc plated cast iron for superior corrosion resistance, with two internal grip rings to prevent slippage on the cord. Constructed in two halves which are held together with stainless steel bolts which thread directly into the castings, the bolt heads are countersunk to ensure that no debris catches on the bolt.

PART NO.	DESCRIPTION	LIST PRICE-A
890-AW-CI	Adjustable Cable Weight	**17.09**

ACCESSORIES

PART NO.	DESCRIPTION	BAG QTY	LIST PRICE-A
890-CC516BK	5/16" Black Nylon Cable Clip	100	**0.21 each**

Must be ordered in bag quantities

It is highly recommended that this cable clip be installed to secure the power cord of a float switch, pump or liquid level alarm to either the wall or electrical outlet using the outlet faceplate screw. To prevent plug from being accidentally disconnected from the electrical outlet.

890-CTR14BK	14" 50# Button Release UV Black	100	**0.76 each**

Must be ordered in bag quantities

Releasable cable ties are ideal for fastening the float switch cord at the tether point. It's release feature allows the tie to be re-opened for easy adjustment of the tether length to change the pumping range for either more or less distance between the turn-on and turn-off levels.

The cable clamp and cable tie are now included with the 860 and 870 series float switches and 850L and 850H level alarms. Bosharts has added the two items to meet or exceed industry standards in the Float and Alarm business.

TAPPED PITLESS ADAPTERS - FOR UNDERGROUND TANKS / DIRTY WATER

- 1-1/4" and 2" Tapped Pitless are for dirty water applications. The 1/4" FPT tapping provides a means to connect a 1/4" pipe to the pitless to allow easy removal of the pitless unit and pump. The pipe is guided by a rail/guide system that aligns the pitless elbow with the pitless slide when reinstalling (railing or guide system not included).

PART NO.	SIZE	TAPPING	QUANTITY CTN	QUANTITY CASE
1-1/4" units are used with grinder pumps				
PA-125-TNL	1-1/4" Bronze	1/4"	10	
P-125-SS-T	1-1/4" Stainless Steel	1/4"	8	
2" units are used with all other sewage pumps				
PA-200-TNL	2" Bronze	1/4"	4	
P-200-SS-T	2" Stainless Steel	1/4"	4	

Also Available:

- 1" Tapped Pitless are for underground water well tank installations. The 1/4" FPT tapping provides a means to connect poly tubing to the pressure switch which is located near the buried tank.

PA-800-TNL	1" Bronze	1/4"	16	
P-100-SS-T	1" Stainless Steel	1/4"	16	

Refer to Section 11 for pricing on Tapped Pitless Adapters

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SECTION 14
POOL & SPA

PRODUCT LINE **PAGE**

Pool and Spa 1

POOL AND SPA

PART NO.	DESCRIPTION	LIST PRICE-A
09SGS-15	1-1/2" PVC Slice Gate Valve Slip	24.79
09SGS-20	2" PVC Slice Gate Valve Slip	26.29
09SGSSP-15	1-1/2" PVC Slice Gate Valve SLIP X SPGT	24.79
09SGSSP-20	2" PVC Slice Gate Valve SLIP X SPGT	26.29
1713C-T20-20	2" Check Valve 2# Spring, Slip, Clear	55.45
1713-T20-20	2" Check Valve 2# Spring, Slip	51.71
1714S-20	2" Check Valve Slip, Corrosion Resistant	105.78
1715S-T05-10	1" Swing Check Valve, 1/2# Spring, Slip	26.75
1715S-T05-15	1-1/2" Swing Check Valve, 1/2# Spring, Slip	40.44
1715S-T05-20	2" Swing Check Valve, 1/2# Spring, Slip	47.57
1715SC-T05-10	1" Swing Check Valve, 1/2# Spring, Slip, Clear	30.60
1715SC-T05-15	1-1/2" Swing Check Valve, 1/2# Spring, Slip, Clear	44.58
1715SC-T05-20	2" Swing Check Valve, 1/2# Spring, Slip, Clear	51.31
1716-T05-10	1" Swing Check Valve, 1/2# Spring	40.44
1716-T05-15	1-1/2" Swing Check Valve, 1/2# Spring	63.27
1716-T05-20	2" Swing Check Valve, 1/2# Spring	68.97
1716-T20-20	2" Swing Check Valve, 2# Spring	72.65
1716C-T05-10	1" Swing Check Valve, 1/2# Spring, Clear	44.58
1716C-T05-15	1-1/2" Swing Check Valve, 1/2# Spring, Clear	68.11
1716C-T05-20	2" Swing Check Valve, 1/2# Spring, Clear	72.65
1716C-T20-20	2" Swing Check Valve, 2# Spring, Clear	76.85
PWA-FC12	1-1/4" PVC Flush Slip Coupling	1.37
PWA-FC15	1-1/2" PVC Flush Slip Coupling	1.56
PWA-FC20	2" PVC Flush Slip Coupling	2.31
17PE-05	1/2" MagicMend Pipe Extender	2.65
17PE-07	3/4" MagicMend Pipe Extender	3.34
17PE-10	1" MagicMend Pipe Extender	4.31
17PE-12	1-1/4" MagicMend Pipe Extender	5.00
17PE-15	1-1/2" MagicMend Pipe Extender	5.92
17PE-20	2" MagicMend Pipe Extender	6.85

09SGS-15

1715S-T05-10

1716-T05-20 1716C-T05-20

17PE-20

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BRONZE PLUMBING VALVES

- From sizes 1/4" to 4"
- Threaded and CxC
- Many approvals available
- Standard and full port
- Up to 600 psi W.O.G.

FOR COMPLETE LIST, SEE SECTION 2

PVC PLUMBING VALVES

- From sizes 1/2" to 4"
- Threaded and Socket
- Up to 150 psi working pressure
- Molded in place, union style available

FOR COMPLETE LIST, SEE SECTION 2

PTFE TAPE

- Many grades available from standard to speciality

FOR COMPLETE LIST, SEE SECTION 3

FITTINGS

- PVC Inserts manufactured by BII
- Black Poly available
- Spigot adapters
- PVC Schedule 40 & 80

FOR COMPLETE LIST, SEE SECTION 4

CLAMPS

- Three grades available
- Boxed, bagged or bulk
- Sizes up to 14-1/2" max

FOR COMPLETE LIST, SEE SECTION 4

PRESSURE GAUGES

- Up to 10,000 psi available
- Plastic, steel or stainless case available
- 1/4" or 1/8" connections
- Diameter size from 1-1/2" to 4-1/2"
- Accessories available

FOR COMPLETE LIST, SEE SECTION 6

BRAIDED ROPE

- 3-Strand Twisted Polypropylene
- Waterproof
- Easy to Handle
- Resists most chemicals
- Resistant to color fading
- Floatable
- Rot Resistant
- Resists Oil and Gasoline
- Resistant to Abrasion

FOR COMPLETE LIST, SEE SECTION 9

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SECTION 15
WIRE

PRODUCT LINE **PAGE**

TWU Pump Wire 1

Flat Jacketed Pump Cable 1

Bare Ground Wire 2

Tracer Wire 2

Irrigation and Low Voltage Thermostat Cable 3

Non-Metallic Sheathed Cables 4

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TWU PUMP WIRE

WHEN ORDERING PUMP CABLE PLEASE SPECIFY: SOLID (SOL) OR STRANDED (STR) CABLE.
FOR THREE WIRE CABLE PLEASE STATE THE PREFERRED COLOUR CODES:
BLACK, RED, GREEN (BRG) - BLACK, RED, YELLOW (BRY)

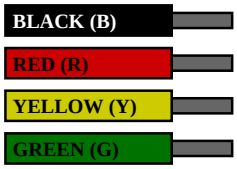
PLEASE NOTE: FACTORY SHORTS are subject to availability.
30% surcharge for cutting TWU Pump Cable. Please call for more information.

All pump wire is sold by the metre only.
METRIC CONVERSION FACTORS

To Convert	Multiply by:	To Convert	Multiply by:
Metres to Feet	3.2808	Dollars per Ft. to dollars per M	3.2808
KMS to Feet	3280.8		
Feet to Metres	0.3048	Dollars per M to dollars per Ft.	0.3048
Feet to KMS	0.0003048		

TWU PUMP CABLE - 4 CONDUCTOR (BRYG)

600 VOLTS -40°C., Maximum 60°C.
Description: 4 twisted TWU conductors, solid or stranded copper, PVC insulation
Application: For use with submersible pumps and irrigation equipment. For wiring only between equipment located at water wellheads and motors of submersible pumps installed in deep wells.
Standards: CSA - C22.2 No.75-Thermoplastic Insulated Wire



PART NO.	TOTAL NO. CONDS.	B, R, & Y CONDS. AWG	GREEN GROUND WIRE AWG	NO. OF STRANDS PER CONDUCTOR	APPROX. WEIGHT / REEL
TWU14-4S	4	#14	#14	(1) SOLID	120 LBS
TWU14-4	4	#14	#14	(7) STRANDED	125 LBS
TWU12-4S	4	#12	#12	(1) SOLID	160 LBS
TWU12-4	4	#12	#12	(7) STRANDED	222 LBS
TWU10-4	4	#10	#10	(7) STRANDED	150 LBS
TWU8-4	4	#8	#10	(7) STRANDED	360 LBS
TWU6-4	4	#6	#8	(7) STRANDED	470 LBS
TWU4-4	4	#4	#6	(7) STRANDED	724 LBS

SOLID

STRANDED

TWU-40C SUBMERSIBLE PUMP CABLE CSA FLAT JACKETED

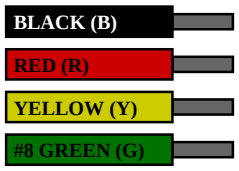
Applications: For use with submersible water pumps installed in wells, lakes, rivers, and streams in accordance with CSA C22.1 Canadian Electrical Code Part I, section 26, rules 26-954 and 26-956.

Conductors: 14 AWG to 10 AWG bare copper
Insulation/Jacket: Polyvinyl chloride (PVC)
Voltage Rating: 600V
Temperature Rating: -40°C* to 60°C
Flame Rating: FT1, VW-1
Standards: CSA C22.2 No. 75

Marked "Submersible Pump Cable" and "-40C" as required by the Canadian Standards Association (CSA) and by the Canadian Electrical Code (CEC)

Marked "Direct Burial" to indicate suitability for direct earth burial.

Marked "SR" for Sunlight Resistance with Black Jacket Colour (required for outdoor storage). Cable is sequentially Ft marked to show length remaining on reel.



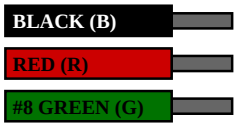
PART NO.	TOTAL NO. CONDS.	B, R, & Y CONDS. AWG	GREEN GROUND WIRE AWG	NO. OF STRANDS PER CONDUCTOR	APPROX. WEIGHT / REEL
TWUFJ14-4	4	#14	#14	(7) STRANDED	180 LBS
TWUFJ12-4	4	#12	#12	(7) STRANDED	210 LBS
TWUFJ12-3	3	#12(B,R)	#12	(7) STRANDED	141 LBS
TWUFJ10-4	4	#10	#10	(7) STRANDED	249 LBS

*The -40°C low temperature rating indicates that the cables have passed a cold impact and a cold bend test under carefully controlled laboratory conditions. These conditions may or may not reflect actual field conditions. It is therefore recommended that all cables be warmed to at least -10°C before installation.

Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
Fax: 1-519-595-4380 - www.boshart.com

TWU PUMP WIRE 3 CONDUCTOR (BRG)

600 VOLTS -40°C., Maximum 60°C.
Description: 3 twisted TWU conductors, solid or stranded copper, PVC insulation
Application: For use with submersible pumps and irrigation equipment. For wiring only between equipment located at water wellheads and motors of submersible pumps installed in deep wells.
NOTE: #2 Gauge pump cable available in four colours.
Standards: CSA - C22.2 No.75-Thermoplastic Insulated Wire



PART NO.	TOTAL NO. CONDS.	B & R CONDS. AWG	GREEN GROUND WIRE AWG	NO. OF STRANDS PER CONDUCTOR	APPROX. WGT / REEL 300M REEL
TWU14-3GS	3	#14	#14	(1) SOLID	94 LBS
TWU14-3G	3	#14	#14	(7) STRANDED	95 LBS
TWU12-3GS	3	#12	#12	(1) SOLID	115 LBS
TWU12-3G	3	#12	#12	(7) STRANDED	125 LBS
TWU10-3G	3	#10	#10	(7) STRANDED	169 LBS

BARE GROUND WIRE

Description: ASTM B3: soft copper wire.
Application: To ground an electrical system or equipment.

PART NO. 300 METRE REELS	TOTAL NO. CONDUCTORS	CONDS. AWG.	NO. OF STRANDS PER CONDUCTOR	APPROX. WGT / REEL	
15-6-300	1	#6	(7) STRANDED	88 LBS	CSA Approved

TWU - TRACER WIRE (CSA)

CSA type TWU compliant Tracer wire.

APPLICATIONS:
Used for running beside gas lines to enable detection of the lines prior to digging.

CONSTRUCTION:
Single (16 AWG to 10 AWG) stranded or solid bare copper conductor with Polyvinyl Chloride (PVC) insulation applied directly over the copper conductor.

SPECIFICATIONS:
- Voltage Rating: 600V
- Temperature Rating: -40°C to 75°C
- Flame Rating: FT1
- Color Codes: Standard colour is white. Other colours available upon request.
- Packaging: Standard package is 300 Mt spools and bulk barrel packs. Other packages are available upon request.

STANDARDS:
CSA - C22.2 No.75 - Thermoplastic Insulated Wire

PART NO.	
TWU14S-WHI	14(1B)60C/-40C 300M WHITE
TWU12S-WHI*	12(1B)60C/-40C 300M WHITE
TWU10S-WHI*	10(1B)60C/-40C 300M WHITE
TWU8S-WHI*	8(1B)60C/-40C 300M WHITE
TWU14-WHI	14(7B)60C/-40C 300M WHITE
TWU12-WHI	12(7B)60C/-40C 300M WHITE
TWU10-WHI	10(7B)60C/-40C 300M WHITE
TWU8-WHI	8(7B)60C/-40C 300M WHITE
TWU6-WHI	6(7B)60C/-40C 300M WHITE
TWU4-WHI	4(7B)60C/-40C 300M WHITE

* ITEMS MAY NOT BE IN STOCK. PLEASE CONTACT INSIDE SALES FOR DELIVERY

TW 75 - IRRIGATION CABLE

Environmentally friendly lead free jacket multi-conductor irrigation cable.

APPLICATIONS:
Used for electrical interconnection of outdoor sprinkler systems, for connection of solenoid valves with controllers on residential, electrically controlled irrigation systems.

CONSTRUCTION:
Irrigation Cable is manufactured using solid bare copper conductors (2 to 30 conductors) with Polyvinyl chloride (PVC) insulation applied directly over the copper conductors, twisted with overall PVC jacket.

SPECIFICATIONS:
- Solid bare copper conductors 20 Awg to 16 Awg twisted without fillers, overall PVC jacket. • Voltage Rating: 30V
- Temperature Rating: 60°C
- Flame Rating: PVC Jacketed product is FT1
- Colour Codes: Standard colours are per the Electrical Colour Chart
- Jacket Colour: Standard colour is Black. Other colours available upon request.
- Packaging: Standard package is 152 meter or 305 meter spools. Other packages are available upon request.

STANDARDS:
CSA approved to Golf Course Sprinkler (GCS) and Lawn Sprinkler Systems (LSS) standards TIL No. J-17C Jan 9 2004

PART NO.

TW18S-10	18(1B)/10 60C 152MTR CSA IRRIGATION WIRE PVC
TW18S-2	18(1B)/2 60C 152MTR CSA IRRIGATION WIRE PVC
TW18S-3	18(1B)/3 60C 152MTR CSA IRRIGATION WIRE PVC
TW18S-4	18(1B)/4 60C 152MTR CSA IRRIGATION WIRE PVC
TW18S-5	18(1B)/5 60C 152MTR CSA IRRIGATION WIRE PVC
TW18S-6	18(1B)/6 60C 152MTR CSA IRRIGATION WIRE PVC
TW18S-7	18(1B)/7 60C 152MTR CSA IRRIGATION WIRE PVC
TW18S-8	18(1B)/8 60C 152MTR CSA IRRIGATION WIRE PVC

LVT LOW VOLTAGE THERMOSTAT WIRE

CSA certified Low Voltage Thermostat (LVT)

APPLICATIONS:
For use in interconnection of low voltage heating and air conditioning (HVAC) thermostat controls, bell and annunciator systems. For use in damp or dry locations.

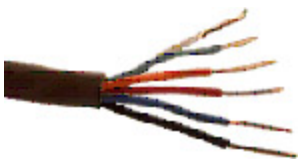
CONSTRUCTION:
Two or more solid or stranded soft bare copper conductors, Polyvinyl chloride (PVC) insulation applied directly over the copper conductors, and color coded. Two conductors parallel with an overall thermoplastic jacket, three or more conductors twisted with an overall Polyvinyl chloride (PVC) jacket. Approved for 22 AWG to 16 AWG and 2 to 30 conductors.

SPECIFICATIONS:
- Solid or stranded soft bare copper conductors.
- Conductors: 22 AWG to 16 AWG solid bare copper
- Voltage Rating: 30V
- Temperature Rating: 60°C
- Flame Rating: FT4
- Standard colour is brown. Other colours available upon request.
- Colour Codes: Standard colours are per the Electrical Colour Chart
- Packaging: Standard package is 300 Mt spools. Other packages are available upon request.

STANDARDS:
CSA 22.2 No. 35-Low Voltage Control Circuit, Low Energy Control Cable, and Extra Low Voltage Control Cable.

PART NO.

LVT18S-10	18(1B)/10 60C 75MTR
LVT18S-2	18(1B)/2 60C 75MTR
LVT18S-3	18(1B)/3 60C 75MTR
LVT18S-4	18(1B)/4 60C 75MTR
LVT18S-5	18(1B)/5 60C 75MTR
LVT18S-6	18(1B)/6 60C 75MTR
LVT18S-8	18(1B)/8 60C 75MTR



BOSHART INDUSTRIES

15-4 Telephone: 1-519-595-4444 - Toll Free: 1-800-561-3164
September 25/17 Fax: 1-519-595-4380 - www.boshart.com

CSA CERTIFIED NMWU NON-METALLIC SHEATHED CABLES - UNDERGROUND FEEDER AND BRANCH CIRCUIT CABLE

NMWU cables are available as two or three-conductor cables, with bare grounding conductor. The construction is manufactured using annealed (soft) copper conductors - compressed stranding for the stranded conductors; a thermoplastic polyvinyl chloride (PVC) insulation and a nylon jacket for the phase conductors; and a sunlight, moisture, and fungus-resistant PVC jacket surrounding the overall construction.

APPLICATIONS:
NMWU can be used in wet locations, and in barns and other animal enclosures where not exposed to mechanical injury. It is a very good cable to use for supplying a garage, garden shed or lawn lights. For concealed or exposed wiring in dry or wet locations where not exposed to mechanical injury. Also where exposed to weather or direct earth burial (with protection as required by the inspection authority) at conductor temperatures not exceeding 60°C. Use for Category 1 and 2 locations (Ref. CE Code Part 1 Section 22) including barns, stables, etc. The maximum voltage rating for all intended applications is 300 volts. Consult the Canadian Electrical Code 1 for further information related to applications. Caution: Although NMWU is similar in appearance to NMD, it is in fact quite different.

INSTALLATION:
The minimum recommended installation temperature is minus 40°C for two-conductor cables - sizes AWG 14 through AWG 6 - and minus 25°C for all other sizes. For three-conductor cables the minimum recommended installation temperature is minus 10°C with suitable handling procedures. Maximum conductor temperature 60°C. Material should be properly stored above 0°C for 24 hours prior to installation.

SPECIFICATIONS:
- Conductors: 14 AWG to 10 AWG solid or 8 AWG to 4 AWG stranded bare copper
- Construction: 2 or 3 Conductors with a ground
- Insulation: Polyvinyl chloride (PVC) applied directly over the copper conductors
- Temperature Rating: Available in -10°C & -40°C
- Voltage Rating: 300V
- Flame Rating: FT1
- Jacket Type: Polyvinyl Chloride (PVC)
- Jacket Colour: Black is standard and is sunlight resistant. White sunlight resistant jackets are available on request
- Colours: 2 Conductors - Black, White
  3 Conductors - Black, Red, White
- Packaging: Standard package is bulk spools. Other packages are available upon request.

STANDARDS:
CSA - C22.2 No. 48- Non-metallic sheathed cable

PART NO.

NMWU10-2*	10(1B)/2+12(1B) NMWU x 300MTR
NMWU12-2*	12(1B)/2+14(1B) NMWU x 300MTR
NMWU14-2*	14(1B)/2+14(1B) NMWU x 300MTR
NMWU6-2*	6(1B)/2+10(7B) NMWU x 300MTR
NMWU8-2*	8(7B)/2+10(7B) NMWU x 300MTR
NMWU10-3*	10(1B)/3+12(1B) NMWU x 300MTR
NMWU12-3*	12(1B)/3+14(1B) NMWU x 300MTR
NMWU14-3*	14(1B)/3+14(1B) NMWU x 300MTR
NMWU6-3*	6(1B)/3+10(7B) NMWU x 300MTR
NMWU8-3*	8(7B)/3+10(7B) NMWU x 300MTR

* ITEMS MAY NOT BE IN STOCK. PLEASE CONTACT INSIDE SALES FOR DELIVERY

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SECTION 16
IRON OUT

PRODUCT LINE **PAGE**

Iron Out Products 1

IRON OUT®

PART NO.	DESCRIPTION	CASE QTY	CASE WEIGHT	LIST PRICE-A
SUPER IRON OUT® POWDER				
25-02	SUPER IRON OUT - 5 Lb.	6	32 Lbs	41.45
25-08	SUPER IRON OUT - 28 oz.	6	13 Lbs	15.62
SUPER IRON OUT® LIQUID				
25-IOL	SUPER IRON OUT - 470 mL. Spray Bottle	6	8 Lbs	10.76
LIME OUT® BATH AND KITCHEN CLEANER				
25-LO24	LIME OUT - 24 oz. Flip Top Bottle	6	11.5 Lbs	11.16
PRO-POT-PERM FREE FLOWING®				
25PPF-02	5 lb. Potassium Permanganate	6	32 Lbs	87.60
WHITE BRITE®				
25-WB30	WHITE BRITE - 28 oz.	6	13 Lbs	17.01
AUTOMATIC TOILET BOWL CLEANER®				
25-TB	AUTOMATIC TOILET BOWL CLEANER	12	3.3 Lbs	11.44
WASHER MAGIC®				
25-WM12	WASHER MAGIC - 12 Fl oz.	6	6 Lbs	12.37
DISHWASHER MAGIC®				
25-DW	DISHWASHER MAGIC - 354 ml.	6	6.2 Lbs	14.11
HOME DRY CLEANER				
25-WDCS	WOOLITE HOME DRY CLEANER	4	1.5 Lbs	33.34
SEPTOBAC® SEPTIC TREATMENT				
25-SB-3M	SEPTOBAC PACS - 3 Monthly Applications	6	3.9 Lbs	26.66
25-SB8	SEPTOBAC POWDER - 8 Weekly Applications	6	3.9 Lbs	18.97
25-SBL-3M	SEPTOBAC LIQUID 32 Fl oz. - 3 Monthly Applications	6	3.9 Lbs	26.66

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