



March 18, 2016

To Our Valued Customers:

At the close of business **Monday, April 18, 2016** we will implement a group of list price changes.

Most of these list prices are being pushed through by key manufacturers to the market. The rest of the price adjustments are in response to market conditions.

Attached is a partial tab listing of the product groups that are changing at the close of business **Monday, April 18, 2016**. These new list prices will be available on our website at www.americiangranby.com on or about April 11, 2016 and will be indicated in **BOLD** type. Catalog pages with list pricing can be viewed and downloaded for printing to update your AGI catalog. Excel files are also available for download on the site. We will not be mailing a hard-copy price change mailing.

If you do not have access to our website, please contact your sales representative or Customer Service and we will forward you a copy of the Excel spreadsheet or the new catalog pages.

Sincerely,

Gary Palley
V.P. Sales & Marketing

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Liverpool, New York 13090
(315) 451-1100
Fax: (315) 451-6928
www.americiangranby.com

INSTRUCTIONS FOR OBTAINING LIST PRICE CHANGE DATA - APRIL 19, 2016

To obtain copies of our list price changes go to www.americangranby.com. Click the DOWNLOAD tab.

There are multiple options for you to download.

- For an Excel file of the latest list price changes in alpha numeric order: On the left under PRICE CHANGE UPDATES click on the **APR 19 16 List Price Change File**. This Excel file can be re-sorted or filtered as you need and includes both old and new list prices plus the % change. This file can be used as a reference or update to your operating system.
- For a .PDF version of only the updated catalog pages: On the left under PRICE CHANGE UPDATES click on the **APR 19 16 Catalog Page Updates**. Print out only the catalog pages with changes and insert into your current product catalog.
- Click on FULL CATALOG and SECTION DOWNLOADS for .PDF files of the Full Granby Catalog or for specific sections.

Product	Page Numbers	Product	Page Numbers
Pool Valves	P.16, P.23	Tubing Fittings	6.10
Tubing Fittings	P.36	Plumbing Kits	6.11
Installation Products	P.43		
Pool Service Tools	P.58	Electrical Tapes	7.04
		Spray Adhesives	7.06
Manifolds	1.03		
Manifold Kits	1.05	Permatex/Devcon	8.01P - 8.05P
Tank Crosses	1.08		
Tank Crosses	1.11	Flo Control Valves	9.01 - 9.14
Tank Crosses	1.13 - 1.14a	NDS Drainage	9.16 - 9.36
Tank Fitting Packages	1.14d - 1.20a		
Relief Valves	1.23	Irrigation Installation Accessories	10.27
Air Releases & Controls	1.28	Irrigation Installation Accessories	10.29
Submersible Accy	1.29	Flo Saddles	10.33 - 10.34
Pump Installation Fittings	1.32a - 1.32b	Poly Swing Pipe	10.36
Electrical Installation Accy	1.37	Irrigation Installation Accessories	10.36a
Liquid Level Controls	1.45	Irrigation Installation Accessories	10.37
Installation Accy	1.52	NDS Valve Boxes	10.43 - 10.45
Drive Shoes	1.69	Repair Couplings	10.47
Pitcher Pump	1.71		
		Gloves	11.07
Check Valves	2.09		
		Insert Fittings	12.07 - 12.10
Plumbing Valves	3.08a	Unions	12.12
Flo Valves	3.09, 3.18	Malleables	12.41 - 12.47
		Steel Nipples	12.51 - 12.52
Filter Housing Kits & Accessories	4.01		
Filter Cartridges	4.04		
Saddle Tap Valve	4.22		
UV Filters	4.46 - 4.48		
Check Valves	5.04 - 5.05		



Ball Valves - PVC Single Union for Pool & Spa



PV1450 Series



PV1452, PV1453 Series

ISO 9002

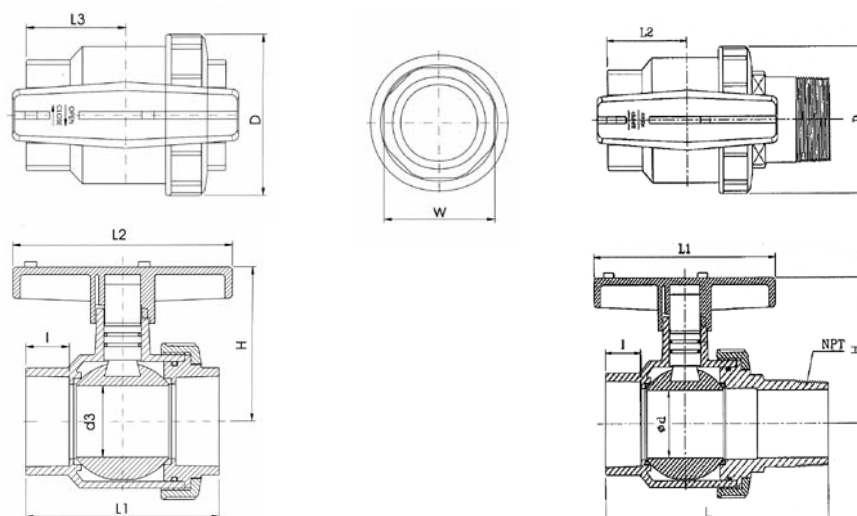


MATERIAL SPECIFICATIONS

Body	PVC
End Adapter	PVC
Union Nut	PVC
Ball	PVC
Stem	PVC
Handle	ABS
Union o-rings	EPDM
Seat Seals	PTFE
Stem o-rings	EPDM

PVC Single Union Ball Valve Features:

- PVC Type 1 construction for compatibility in joining rigid PVC and flex vinyl pipes.
- PTFE seats.
- Double EPDM o-ring seal on stem: single EPDM o-ring seal on union end.
- Fully round ball prevents foreign matter from scoring seats.
- Tee handle for quarter turn on/off with stops.
- Working pressure: 150 PSI at 72°F, 100 PSI at 120°F.
- Threaded or socket.
- Manufactured for AGI in an ISO 9002 facility.
- Imported



PV1450 Series DIMENSIONS (IN.)

SIZE	d3	D	L1	L2	L3	H	W	I
1 1/2"	1.50	3.42	4.49	4.72	2.21	3.32	2.34	1.09
2"	1.88	4.10	5.07	5.74	2.53	4.07	2.73	1.15

PV1452 Series DIMENSIONS (IN.)

SIZE	d	D	L	L1	L2	H	W	I
1 1/2"	1.50	3.42	6.55	4.72	2.21	3.32	2.34	1.09
2"	1.87	4.10	7.02	5.73	2.52	4.07	2.73	1.15

Part Number	Threaded/Slip	Size	Ctn Qty	List Price
PV1450-11/2	Slip	1-1/2"	48	\$ 21.68
PV1450-2	Slip	2"	24	28.70
PV1451-11/2	Threaded	1-1/2"	48	21.68
PV1451-2	Threaded	2"	24	28.70
PV1452-11/2	Slip x Extended MIP	1 1/2"	24	21.48
PV1452-2	Slip x Extended MIP	2"	24	29.52
PV1453-11/2	FPT x Extended MIP	1 1/2"	24	21.48
PV1453-2	FPT x Extended MIP	2"	12	29.52



American Granby Inc. TM

In the United States: Phone (800) 776-2266 Fax (800) 729-3299
In Canada: Phone (866) 503-5523 Fax (888) 562-2095

www.americangranby.com

9/7/11



1350 Series

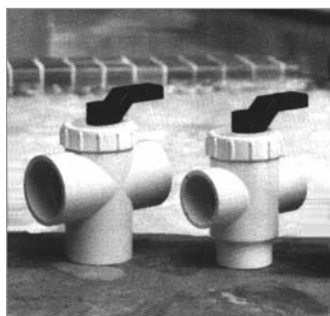


PVC Single Union Ball Valve Features:



- PVC Type 1 construction for compatibility in joining rigid PVC and flex vinyl pipes.
- **Buna "N" O-Ring seal; HDPE seats.**
- 1-1/4 deep sockets on both ends for extra cementing surface area.
- Acme thread on assembly nut prevents cross threading.
- Tee handle for quarter turn on/off with stops.
- Working pressure: 150 PSI at 72°F, 100 PSI at 120°F.
- Threaded or socket.
- Made in USA.

Part Number	Threaded/Socket	Size	Ctn Qty	List Price
1350-15	Socket	1-1/2"	12	\$ 36.85
1350-20	Socket	2"	6	59.47
1351-15	Threaded	1-1/2"	12	41.69



1930 Series

CPVC Three-Way Valve Features:

- For pool & spa applications.
- Made of CPVC plastic
- Diverts water anywhere diversion is required.
- Positive seal diverter prevents reverse flow.
- Diverter seals are made of a special lubricated EPDM material
- Available 1 1/2" - 2" slip with 2" and 2 1/2" spigot.
- Rated at 160° F, 125 PSI



Part Number	Description	Ctn Qty	List Price
1930-15	1 1/2" slip x 2" spigot	12	\$ 92.72
1930-20	2" slip x 2 1/2" spigot	12	92.72



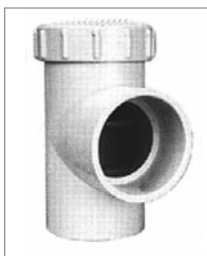
Check Valves - PVC Spa, By-Pass



1050 Series



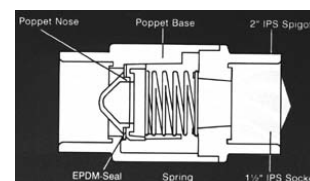
1095 Series



1901/1903 Series

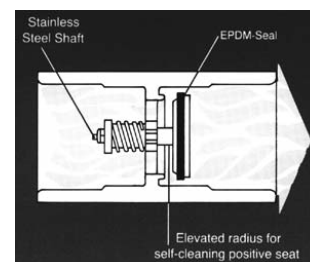
PVC Spa Air Valve Features:

- Drip proof seal at low pressure.
- 1 1/2" IPS deep socket connection with 2" IPS OD spigot
- Excess solvent cement trap at base of socket to help prevent solvents from entering sealing area.
- Minimum restriction of air flow, using 1/4 lb. spring resulting in less burden on blower motor.
- Domed shaped seat for even air flow.
- EPDM seal.
- Stainless steel spring.
- NSF approved.



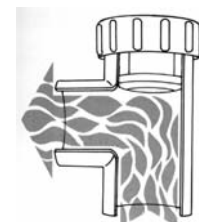
PVC In-Line By-Pass Check Valve Features:

- In-line shape takes less space.
- Raised valve seat prevents excess cement of solvent from affecting the seal area.
- Poppet is equipped with EPDM seal.
- Body is made of Type 1 PVC.
- All metal parts are stainless steel.
- Valve stem is reinforced w/ full length stainless steel shaft.
- Static pressure tested: 150 psi @ 72° F. Back pressure tested at 150 psi.
- Quick burst test proves in excess of 500 psi
- 2" iron pipe size
- Valve can be used on 1-1 1/2" pipe by use of a PVC Sch 40 bushing.
- Begins to open at 1/2 lb. or 5 lb.
- NSF approved.



CPVC 90° Spring Check Valve Features:

- Use in pool, spa applications.
- CPVC body with corrosion proof poppet.
- Spring made of 302 stainless.
- Available with 1 lb. or 3 lb. spring tension.
- NSF approved.



See "FLO/NDS" tab for a complete line of Flo Control PVC check valves.

Part Number	IPS Size	Body Length	Ctn Qty	List Price
PVC Spa Air Valve - 1-1/2" ips socket / 2" ips o.d. spigot				
1050-20	2"	5-1/8"	12	\$ 31.48
PVC In Line By-Pass Check Valve				
1095-20	2" w/ 5# spring	5"	12	39.64
CPVC 90° Spring Check Valve, w/ stainless steel poppet				
1901-15	1 1/2" check valve, 1 lb. tension		12	98.11
1903-15	1 1/2" check valve, 3 lb. tension		12	98.11
1901-20	2" socket x 2 1/2" spigot valve, 1 lb. tension		12	98.11
1903-20	1" socket x 2 1/2" spigot valve, 3 lb. tension		12	98.11

Float Valves - Bronze, NO LEAD Bronze



Bronze, NO LEAD Bronze Float Valve Features:

- Cast bronze or NO LEAD bronze body
- Buna-N Disc
- Heavy Duty
- Tapped for 1/4"-20SAE rod
- Threaded outlet
- Rated at 125 psi
- Third party certified to NSF/ANSI 372.



BFV Series

Part Number	Size	Inlet	Outlet	Tapped	Ctn Qty	List Price
NO LEAD BRONZE						
BFVNL1/2	1/2"	1/2" mpt	1/2" mpt	1/4"-20SAE	10/100	42.69
BFVNL3/4	3/4"	3/4" mpt	3/4" mpt	1/4"-20SAE	10/80	44.14
BFVNL1	1"	1" mpt	1" mpt	1/4"-20SAE	10/40	68.65



BFVR Series

Stainless Steel Rods Features:

- Stainless Steel SAE
- Male thread both ends
- Third party certified to NSF/ANSI 372.



Part Number	Length	Thread	Fits Valve Size	Ctn Qty	List Price
BFVR8	8"	1/4"-20SAE	1/2" - 1"	50/400	\$ 6.62
BFVR10	10"	1/4"-20SAE	1/2" - 1"	50/300	7.67
BFVR12	12"	1/4"-20SAE	1/2" - 1"	50/300	8.59



BFVFP Series

Plastic Float Features:

- PVC, Corrosion resistant.
- Lightweight
- Up to 175 °F
- For open tank service only
- Bronze or NO LEAD bronze threaded connection.
- Third party certified to NSF/ANSI 372.



Part Number	Float Diam.	Buoyancy	Female Connection	Ctn Qty	List Price
NO LEAD BRONZE					
BFVFPNL5	5"	2.17 lbs.	1/4"-20SAE	100	21.23
BFVFPNL6	6"	3.8 lbs.	1/4"-20SAE	100	25.00
BFVFPNL8	8"	9.87 lbs.	1/4"-20SAE	20	31.08



Fittings for Plastic Tubing - NL Brass



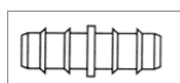
Barb Fitting Features:

- Superior NO LEAD brass fittings for soft plastic tubing for oil, water, air, vacuum, gas and liquid low pressure lines.
- Exclusive self-clinching double barbs actually tighten under strain.

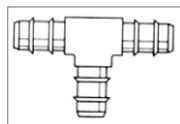


Compression Fitting Features:

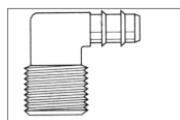
- NO LEAD Brass compression fittings designed for plastic tubing.
- Built-in tube support prevents tube collapse and allows easy assembly.



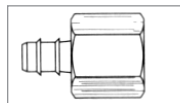
VT22



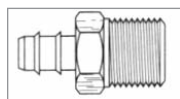
VT224



VT229



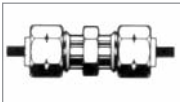
VT26



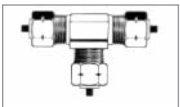
VT28

Part Number	Fits Tube OD	Fits Tube ID	Thread Size	Qty	List Price
Coupling (Ins x Ins)					
VT22-4-4NL	3/8"	1/4"		Bulk	\$ 4.13
VT22-6-6NL	1/2"	3/8"		Bulk	5.15
VT22-8-8NL	5/8"	1/2"		Bulk	7.65
Tee (Ins x Ins x Ins)					
VT224-4NL	3/8"	1/4"		Bulk	13.98
VT224-6NL	1/2"	3/8"		Bulk	13.06
Elbow (Ins x MIP)					
VT229-4-4NL	3/8"	1/4"	1/4" mip	Bulk	11.58
VT229-6-4NL	1/2"	3/8"	1/4" mip	Bulk	10.20
VT229-8-6NL	5/8"	1/2"	3/8" mip	Bulk	18.21
Female Adapter (Ins x FIP)					
VT26-4-2NL	3/8"	1/4"	1/8" fip	Bulk	5.46
VT26-6-4NL	1/2"	3/8"	1/4" fip	Bulk	6.68
Male Adapter (Ins x MIP)					
VT28-4-2NL	3/8"	1/4"	1/8" mip	Bulk	3.88
VT28-4-4NL	3/8"	1/4"	1/4" mip	Bulk	5.51
VT28-6-4NL	1/2"	3/8"	1/4" mip	Bulk	6.28
VT28-8-6NL	5/8"	1/2"	3/8" mip	Bulk	9.44

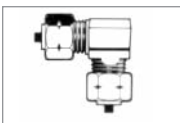
Fittings for Plastic Tubing - NL Brass



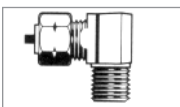
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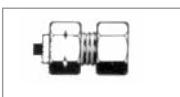
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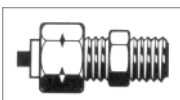
VT65



VT69



VT66



VT68



VT60



VT61



VT63

Part Number	Fits Tube OD	Fits Tube ID	Thread Size	Qty	List Price
Union w/ inserts (Comp x Comp)					
VT62-4NL	1/4" x 1/4"	.17"		Bulk	\$ 10.19
Tee w/ inserts (Comp x Comp x Comp)					
VT64-4NL	1/4" x 1/4" x 1/4"	.17"		Bulk	15.29
VT64-6NL	3/8" x 3/8" x 3/8"	1/4"		Bulk	20.33
Elbow w/ inserts (Comp x Comp)					
VT65-6NL	3/8" x 3/8"	1/4"		Bulk	23.24
VT65-8NL	1/2" x 1/2"	3/8"		Bulk	33.43
Male Elbow w/ inserts (Com x MIP)					
VT69-4-4NL	1/4"	.17"	1/4" mip	Bulk	17.43
VT69-6-4NL	3/8"	1/4"	3/8" mip	Bulk	20.33
Female Connector w/ inserts (Com x FIP)					
VT66-4-4NL	1/4"	.17"	1/4" fip	Bulk	10.95
VT66-6-4NL	3/8"	1/4"	1/4" fip	Bulk	14.52
VT66-8-8NL	1/2"	3/8"	1/2" fip	Bulk	13.10
Male Connector w/ inserts (Comp x MIP)					
VT68-4-4NL	1/4"	.17"	1/4" mip	Bulk	9.48
VT68-6-4NL	3/8"	1/4"	1/4" mip	Bulk	10.19
Delrin Sleeve					
VT60-4	1/4"			Bulk	0.49
VT60-6	3/8"			Bulk	0.82
VT60-8NL	1/2"			Bulk	8.05
Nut					
VT61-4NL	1/4"			Bulk	1.43
VT61-5NL	5/16"			Bulk	1.79
VT61-6NL	3/8"			Bulk	1.99
Tube Support					
VT63-4NL	1/4"	.17"		Bulk	0.51
VT63-6NL	3/8"	1/4"		Bulk	0.97
VT63-8NL	1/2"	3/8"		Bulk	2.50



Installation & Repair



AquaMend®

AquaMend® Underwater Repair Epoxy

- Ideal for pool & spa repairs.
- Resin and hardener in same stick
- Hand kneadable.
- Unaffected by chlorinated or salt water.
- Sets in 25 minutes, cures in 1 hour.
- Dries off-white.
- Can be sanded and drilled.



1. Cut



2. Mix



3. Apply



Part Number	Size	Display Ctn Qty	List Price
82093	7" stick	12	\$ 12.64



ISO 9001



3M Spray Adhesives

BLUE 72

- Repositionable BLUE pressure sensitive spray adhesive.
- One side bonds in 8 hours, aggressive tack, low soak in.
- Covers 100 sq ft.
- Ideal for pool liner installation.

ORANGE FOAM FAST 74

- Permanent, light orange, fast tack.
- Two sides bond in 15 minutes.
- Covers 260 sq. ft.

Both manufactured for AGI in an ISO 900 facility.

Pallet pricing available. Call your sales rep.

Part Number	Size	Ctn/Pallet Qty	List Price
BLUE 72	Blue Spray Adhesive 24 fl oz can, 17.3 oz net wt.	12/768	\$ 41.36
ORANGE 74	Orange spray adhesive 24 fl oz can, 17.3 oz net wt	12/768	50.18



HDT Series

POLYKEN

Contractor/Industrial Grade Cloth Reinforced Duct Tape

- Multi-purpose duct tape.
- Polyethylene coated cloth backing.
- Natural rubber based adhesive.
- Temperature range: 40°F to 200 °F.
- Superior tensile strength, adhesion & tack.
- Recommended for pool liner installations.
- Conformable and will not curl or twist during application.
- 10 mil thickness
- Silver
- Manufactured for AGI in an ISO 9002 facility.

ISO 9002

Part Number	Width x Length	Ctn Qty	List Price
HDT260	2" x 60 yards	24	\$ 23.73



FAL32



Fix A Leak Features:

Fix A Leak is a blended material, designed to seal leaks in just about anything. It works in any kind of pool, spa or hot tub, regardless of constructed material, concrete, fiberglass, acrylic, wood, etc. It works equally well in all plumbing materials including PVC, ABS, poly plastics, vulcathen, copper, steel, etc.

- Seals leaks up to 1/8" in diameter.
- Forms a permanent seal.
- One quart is designed to seal leaks in up to 20,000 gallons. Do not use in excess of 1 quart per 5,000 gallons of water.
- Cures in 24-48 hours.
- Patented by Marlig Industries, Inc.

Part Number	Description	Ctn Qty	List Price
FAL32	Fix A Leak Sealant, 32 oz.	12	\$ 50.89
FAL8	Fix A Leak Sealant, 8 oz.	20	22.79

See the "Tapes, Sealants, Cements" and "Permatex Industrial" tabs for more installation & repair materials.



TM

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PTC163-6ST

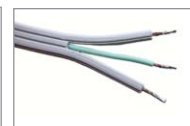


PTC163-6RA

HARVARD CONTRACTOR'S

Power Cord Features:

- Three prong straight (115V) or right angle (115V, 220V) molded plugs.
- 16 gauge, 3 conductor, 13 amp, 125 Volt rating.
- 14 gauge, 3 conductor, 15 amp, 250 Volt rating.
- Six foot cord length.
- Free end is split, stripped 3/8".
- UL and CSA listed in US and Canada.



PTC143-6RA220

Part Number	Description	Wire Gauge	Volt Rating	Ctn Qty	List Price
PTC163-6ST	Straight plug cord	16	125 V	50	\$ 10.89
PTC163-6RA	Right angle plug cord	16	125 V	50	10.89
PTC143-6RA220	Right angle plug cord	14	250 V	50	14.11



HARVARD CONTRACTOR'S

Anchor Kit Features:

- Anchor kits complete with 100 plastic anchors, 100 screws and 1/4" masonry drill bit in a plastic case.
- Plastic gray ribbed anchors with lip design for electronic timer, pump start relay installations. Use with concrete block, brick and wallboard.
- Anchors have internal ribs for better centering of screws, locking lugs against pull and twist. Exterior design prevents fall out in overhead holes.
- Kit available with combination slotted/phillips head or tri-combination, slotted/phillips/hex head #10 x 1" screws.
- Kits complete with 1/4" x 4" masonry drill bit.
- Clear, unbreakable plastic case with molded-in hanging tab.



Combo Head

Tri Combo Head



Part Number	Description	Ctn Qty	List Price
AK10CSPR	Ribbed Combo Head	36	\$14.11
AK10TCR	Ribbed Tri Combo Head	36	15.00



Pool Service Tools - Multipurpose Tools



MW, CWMP, RPNH

Wingmaster® Plus Tool Features:

- The all in one **patented** tool for pool technicians.
- **Original** Wingmaster® Plus includes 7" cylinder, hex bar and hand knob.
- 5" Mini tool fits in tight spots such as main drains and skimmers.
- Nylon holster available separately.
- **US Patent #6,374,708**



Typical Applications



Tighten/loosen winterizing and pressure testing plugs



Remove plugs from pipe using threaded end tool or adapter



Install/remove slotted plugs



Install/remove flush plugs



Raise/lower safety cover anchors (1/4" and 3/16" hex)



Hold plugs in place for vacuuming

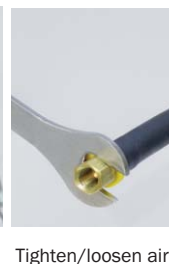
Part Number	Description	Ctn Qty	List Price
CWMP	Wingmaster Plus Tool 7"	1	\$ 145.25
MW	Mini Wingmaster Plus Tool 5"	1	132.14
RPNH	Nylon Holster for CWMP/MW	1	45.71



PTM

Wingmaster® Plus PT Master Tool Features:

- Tighten, loosen Anderson pressure testing plugs.
- Has 1/8-27, 5/16-18, 1/2-13 and 5/8-11 fitting ends.
- Supplied with open end wrench.



Remove test plugs using the threaded end tool adapter.

Releases air from tire valve plug.

Tighten/loosen air hoses.

Part Number	Description	Ctn Qty	List Price
PTM	PT Wingmaster Plus Tool 5" w/ wrench	1	\$ 194.11

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P.57

Pool Service Tools - Anchor, Shell Extractor Kits



Wingmaster® Anchor Extractor Features:

- Removes old cover anchors including anchors with escutcheons with the special design feature of the anchor extractor.
- Anchor Extractor available only in NANSK or NANSK2 kit.



To remove safety cover anchors:



1. Thread anchor with tap



2. Turn stud in anchor



3. Place extractor over stud



4. Thread castle nut onto extractor.



5. Attach tool. Turn clockwise to remove anchor.



6. Place square tip of stud into tool to remove old anchor from extractor.



Part Number	Description	Ctn Qty	List Price
JS	Hardened Stud (For 10-15 pulls)	1	\$ 30.59
CN	Castle Nut	1	33.99



KEMB



KEMB - Wingmaster® Castle Nut Driver Features:

- Tightens and loosens Castle Nut (CN) with the use of a cordless screw gun.
- Used in the removal of safety cover anchors with the NANSK Kit.
- Works with 5/16 Tap for the tapping (threading) of cover anchors.

Part Number	Description	Ctn Qty	List Price
KEMB	Castle Nut Driver	1	\$ 117.88



NANSE

Wingmaster® Shell Extractor Kit Features:

- Removes brass anchor shells - pop-up or threaded style.
- Includes SEW wrench, 11/16 tap and shell adapter.
- Wrench and tap available separately.
- Shell Adapter available only with NANSE kit.



1. Insert tap in pop-up shell to create threads (For threaded shell proceed to 2)



2. Thread adapter into shell



3. Thread stud in adapter 1/4"



4. Place tool on castle nut and turn clockwise to remove anchor

Part Number	Description	Ctn Qty	List Price
NANSE	Shell Extractor Kit	1	\$ 169.94
SEW	Shell Extractor Wrench	1	17.25
TAP1116	Tap 11/16	1	53.39

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Constant Pressure System Manifolds - No Lead Brass, Brackets



CPSM-NL Series



Constant Pressure System Manifold Features:

- No lead brass or 304 stainless steel manifold eliminates the need for extra tees, fittings & nipples required to install constant pressure pump systems.
- "NL" and "SS" Series are **third party certified to NSF/ANSI 372**.
- Easy to install, **13 1/2"** length provides plenty of room for tank and accessories. (Tank diameters up to 11" on 2" manifold.)
- Five ports allow installation for all needed plumbing accessories.
- 1" top port manifold allows for direct installation of FLEXCON, FLOW-THRU FT18 tank.
- Manifolds available with or without NL Bronze, PVC or SS bushings.



NO LEAD BRASS Part Number	Overall Length	Line Conn.	Tank Conn.	Transducer Port	Drain Ports	Gauge Port	Bushing	Ctn Qty	List Price
* CPSM125BNL	13 1/2"	1 1/4" mpt x 1" fpt	3/4" fpt	3/4" (1)	3/4" (2)	1/4" (1)	None	16	\$ 101.62
CPSM125PBNL	13 1/2"	1 1/4" mpt x 1" fpt	3/4" fpt	3/4" (1)	3/4" (2)	1/4" (1)	3/4"x1/4" Plastic	16	93.81
CPSM125BBNL	13 1/2"	1 1/4" mpt x 1" fpt	3/4" fpt	3/4" (1)	3/4" (2)	1/4" (1)	3/4"x1/4" NL Bronze	16	97.18
CPSM125PB3/4x1/2NL	13 1/2"	1 1/4" mpt x 1" fpt	3/4" fpt	3/4" (1)	3/4" (2)	1/4" (1)	3/4"x1/2" Plastic	16	93.81
CPSM125BB3/4x1/2NL	13 1/2"	1 1/4" mpt x 1" fpt	3/4" fpt	3/4" (1)	3/4" (2)	1/4" (1)	3/4"x1/2" NL Bronze	16	97.18
* CPSM125-100BNL	13 1/2"	1 1/4" mpt x 1" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	None	16	101.62
CPSM125-100PBNL	13 1/2"	1 1/4" mpt x 1" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	1" x 1/4" Plastic	20	103.42
CPSM125-100BBNL	13 1/2"	1 1/4" mpt x 1" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	1" x 1/4" NL Bronze	20	109.46
CPSM125-100PB1x1/2NL	13 1/2"	1 1/4" mpt x 1" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	1" x 1/2" Plastic	20	103.42
CPSM125-100BB1x1/2NL	13 1/2"	1 1/4" mpt x 1" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	1" x 1/2" NL Bronze	20	109.46

Please see Stainless Steel manifolds on next page.



Constant Pressure System Manifold Mounting Brackets:

- Dual mounting brackets allow secure manifold placement with tank.
- Zinc-plated, heavy gauge steel tubing, all stainless steel mounting screws, locknuts, U-bolts, plastic end plugs.
- Brackets can be mounted two ways to allow for mounting flexibility.
- Brackets measure 8" x 12 1/2".
- 1 set includes 2 brackets & hardware.



Part Number	Size	Manifold Size	Ctn Qty	List Price
CPSMMB	8" x 12 1/2"	1 1/4"	8	\$ 43.75
CPSMMB200	8" x 12 1/2"	2"	8	54.52



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Constant Pressure System Manifolds - 304SS



CPSM-SS Series



304 STAINLESS Part Number	Overall Length	Line Conn.	Tank Conn.	Transducer Port	Drain Ports	Gauge Port	Bushing	Ctn Qty	List Price
CPSM125SS	13 1/2"	1 1/4" mpt x 1" fpt	3/4" fpt	3/4" (1)	3/4" (2)	1/4" (1)	None	16	\$ 88.29
CPSM125SSPB	13 1/2"	1 1/4" mpt x 1" fpt	3/4" fpt	3/4" (1)	3/4" (2)	1/4" (1)	3/4"x1/4" PVC	16	92.36
CPSM125SSPB3/4x1/2	13 1/2"	1 1/4" mpt x 1" fpt	3/4" fpt	3/4" (1)	3/4" (2)	1/4" (1)	3/4"x1/2" PVC	16	92.36
CPSM125SSB	13 1/2"	1 1/4" mpt x 1" fpt	3/4" fpt	3/4" (1)	3/4" (2)	1/4" (1)	3/4"x1/4" 304 SS	16	97.15
CPSM125SSB3/4x1/2	13 1/2"	1 1/4" mpt x 1" fpt	3/4" fpt	3/4" (1)	3/4" (2)	1/4" (1)	3/4"x1/2" 304 SS	16	97.15
CPSM125-100SS	13 1/2"	1 1/4" mpt x 1" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	None		\$ 88.29
CPSM125-100SSPB	13 1/2"	1 1/4" mpt x 1" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	1" x 1/4" PVC		92.36
CPSM125-100SSPB1x1/2	13 1/2"	1 1/4" mpt x 1" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	1" x 1/2" PVC		92.36
CPSM125-100SSB	13 1/2"	1 1/4" mpt x 1" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	1" X 1/4" 304 SS		97.15
CPSM125-100SSB1X1/2	13 1/2"	1 1/4" mpt x 1" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	1" X 1/2" 304 SS		97.15
CPSM200-100SS	13 1/2"	2" mpt x 1 1/2" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	None		149.11
CPSM200-100SSPB	13 1/2"	2" mpt x 1 1/2" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	1" x 1/4" PVC		152.53
CPSM200-100SSPB1x1/2	13 1/2"	2" mpt x 1 1/2" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	1" x 1/2" PVC		152.53
CPSM200-100SSB	13 1/2"	2" mpt x 1 1/2" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	1" X 1/4" 304 SS		157.72
CPSM200-100SSB1X1/2	13 1/2"	2" mpt x 1 1/2" fpt	1" fpt	1" (1)	3/4" (2)	1/4" (1)	1" X 1/2" 304 SS		157.72



Installation Packages - Constant Pressure, NO LEAD



HARVARD NO LEAD Brass Constant Pressure System Manifold Installation Packages



- All kits contain:
 - EIPG1002-4BNL 0-100# NL pressure gauge
 - IRV75-100NL 3/4" x 100# NL brass relief valve
 - IHBB75NL NL brass 1/4 turn hose bibb
 - 13 1/2" long manifold as listed below for each kit
 - PVC or NL bronze bushing as listed below for each kit
 - optional CPSMMB mounting bracket
- All components are certified to NSF/ANSI 371 except the CPSMMB.

Part Number	Additional Components	List Price w/ PVC Bush	List Price w/ NLBB	List Price w/ Bracket
IPCPSM125PBNL	• CPSM125BNL 11/4" No Lead brass Manifold • 439-098 3/4"x1/4" PVC Sch 40 bushing	\$ 125.50		
IPCPSM125PBNLMB	Components above plus • CPSMMB 1 1/4" Mounting bracket			168.91
IPCPSM125BBNL	• CPSM125BNL 11/4" No Lead brass Manifold • NLBB3/4x1/4 3/4"x1/4" No Lead bronze bushing		130.01	
IPCPSM125BBNLMB	Components above plus • CPSMMB 1 1/4" Mounting bracket			173.47
IPCPSM125PB3/4X1/2NL	• CPSM125BNL 11/4" No Lead brass Manifold • 439-101 3/4"x1/2" PVC Sch 40 bushing	125.50		
IPCPSM125PB3/4X1/2NLMB	Components above plus • CPSMMB 1 1/4" Mounting bracket			168.91
IPCPSM125BB3/4X1/2NL	• CPSM125BNL 11/4" No Lead brass Manifold • NLBB3/4x1/2 3/4"x1/2" No Lead bronze bushing		129.20	
IPCPSM125BB3/4X1/2NLMB	Components above plus • CPSMMB 1 1/4" Mounting bracket			172.65
IPCPSM125-100PBNL	• CPSM125-100BNL 11/4" No Lead brass Manifold • 839-128 1"x1/4" PVC Sch 80 bushing	136.19		
IPCPSM125-100PBNLMB	Components above plus • CPSMMB 1 1/4" Mounting bracket			177.76
IPCPSM125-100BBNL	• CPSM125-100BNL 11/4" No Lead brass Manifold • NLBB1x1/4 1"x1/4" No Lead bronze bushing		143.93	
IPCPSM125-100BBNLMB	Components above plus • CPSMMB 1 1/4" Mounting bracket			189.13
IPCPSM125-100PB1X1/2NL	• CPSM125-100BNL 11/4" No Lead brass Manifold • 439-130 1"x1/2" PVC Sch 40 bushing	136.19		
IPCPSM125-100PB1X1/2NLMB	Components above plus • CPSMMB 1 1/4" Mounting bracket			177.76
IPCPSM125-100BB1X1/2NL	• CPSM125-100BNL 11/4" No Lead brass Manifold • NLBB1x1/2 1"x1/2" No Lead bronze bushing		143.55	
IPCPSM125-100PB1X1/2NLMB	Components above plus • CPSMMB 1 1/4" Mounting bracket			188.75

Installation Packages - Constant Pressure, Stainless



HARVARD STAINLESS STEEL Constant Pressure System Manifold Installation Packages

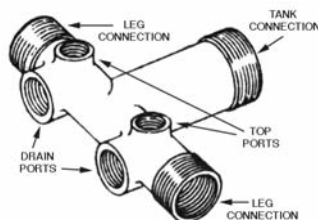
- Available with or without a mounting bracket.



Part Number	Components	Length	List Price w/ Bracket
IPCPSM125SSPB		13 1/2"	173.25
• CPSPM125SS	1 1/4" SS Constant Pressure System Manifold		
• EILPG1002-4BSS316	100lb All SS liquid filled pressure gauge, 1/4" SS back mount		
• IHBB75SS	3/4" SS 1/4 turn hose bibb		
• IRV75-100SS	3/4" SS relief valve (100 psi preset)		
• 439-101	3/4"x 1/2" PVC bushing		
• HTST60-1/2SS	1/2" x 60" Stainless Steel PTFE Tape		
IPCPSM125SSPBMB			217.00
Components above plus			
• CPSPMMB200	2" Mounting bracket		
IPCPSM125SSB		13 1/2"	178.00
• CPSPM125SS	1 1/4" SS Constant Pressure System Manifold		
• EILPG1002-4BSS316	100lb All SS liquid filled pressure gauge, 1/4" SS back mount		
• IHBB75SS	3/4" SS 1/4 turn hose bibb		
• IRV75-100SS	3/4" SS relief valve (100 psi preset)		
• SSHB3/4x1/2	3/4"x 1/2" SS bushing		
• HTST60-1/2SS	1/2" x 60" Stainless Steel PTFE Tape		
IPCPSM125SSBMB			221.75
Components above plus			
• CPSPMMB200	2" Mounting bracket		
IPCPSM125-100SSPB		13 1/2"	\$ 161.82
• CPSPM125-100SS	1 1/4" SS Constant Pressure System Manifold		
• EILPG1002-4BSS316	100lb All SS liquid filled pressure gauge, 1/4" SS back mount		
• IHBB75SS	3/4" SS 1/4 turn hose bibb		
• IRV75-100SS	3/4" SS relief valve (100 psi preset)		
• 439-130	1"x 1/2" PVC bushing		
• 439-131	1" x 3/4" PVC bushing		
• HTST60-1/2SS	1/2" x 60" Stainless Steel PTFE Tape		
IPCPSM125-100SSPBMB			208.57
Components above plus			
• CPSPMMB	1 1/4" Mounting bracket		
IPCPSM125-100SSB		13 1/2"	179.39
• CPSPM125-100SS	1 1/4" SS Constant Pressure System Manifold		
• EILPG1002-4BSS316	100lb All SS liquid filled pressure gauge, 1/4" SS back mount		
• IHBB75SS	3/4" SS 1/4 turn hose bibb		
• IRV75-100SS	3/4" SS relief valve (100 psi preset)		
• SSHB1x1/2	1"x 1/2" SS bushing		
• SSHB1x3/4	1" x 3/4" SS bushing		
• HTST60-1/2SS	1/2" x 60" Stainless Steel PTFE Tape		
IPCPSM125-100SSBMB			224.10
Components above plus			
• CPSPMMB	1 1/4" Mounting bracket		



Tank Crosses - Short Cast NO LEAD Brass



General Tank Cross Features:

- Internal and external threads reduce fittings needed & installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- **NO LEAD** brass tank crosses are **third party certified to NSF/ANSI 372**.



CHT100FBSNL



CHT125BSNL

NO LEAD BRASS Short Cast Crosses w/ 1 drain & 2 or 3 top ports.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CHT100FBSNL	2 1/2"	1" fpt	1" X 3/4"	3/4" (1)	1/4" (2)	NL Brass	Import	5/40	\$ 35.05
CCAT100BSNL	4 1/4"	1" x 3/4"	1" x 3/4"	1/2" (1)	1/4" (2), 1/2" (1)	NL Brass	Import	4/40	52.54
CHC125BNL	4 1/4"	1 1/4" x 1"	1" x 3/4"	1/2" (1)	1/4" (3)	NL Bronze	USA	12	72.56
CHC12550BSNL	4 1/2"	1 1/4" x 1"	1" x 3/4"	3/4" (1)	1/4" (2)	NL Brass	Import	5/40	37.32
CHT125BSNL	3 3/4"	1 1/4" x 1"	1 1/4" x 1"	3/4" (1)	1/4" (2)	NL Brass	Import	5/30	60.02
CIC125BSNL	4 1/4"	1 1/4" x 1"	1" x 3/4"	3/4" (1)	1/4" (2), 1/2" (1)	NL Brass	Import	4/40	54.22



NO LEAD BRASS Short Cast Crosses with 2 drain & 2 top ports.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CICS100BNL	4 3/4"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	NL Bronze	USA	12	\$ 73.37
CICS100BSENL	4 1/2"	1" x 3/4"	1" x 3/4"	1/2" (2)	1/4" (2)	NL Brass	Import	4/24	29.46
CIC3125BNL	5"	1 1/4" x 1"	1 1/4" x 1"	3/4" (2)	1/4" (2)	NL Bronze	USA	12	87.57
CIC3125BSENL	4 1/2"	1 1/4" x 1"	1 1/4" x 1"	3/4" (2)	1/4" (2)	NL Brass	Import	4/24	41.79
CIC71250BSNL	4 1/2"	1 1/4" x 1"	1" x 3/4"	1/2" (2)	1/4" (2)	NL Brass	Import	5/40	39.08
CIC712BNL	4"	1 1/4" x 1"	1" x 3/4"	3/4" (2)	1/4" (2)	NL Bronze	USA	12	87.46



NO LEAD BRASS Short Cast Crosses with Union Disconnect

- Metal to metal ball joint leak proof seal.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CICS100BSUENL	5 1/2"	1"	1"x3/4"	1/2" (2)	1/4" (2)	NL Brass	Import	4/24	\$ 45.54
CICS125BSUENL	5 1/2"	1 1/4"x 1"	1 1/4" x 1"	3/4" (2)	1/4" (2)	NL Brass	Import	4/24	70.98



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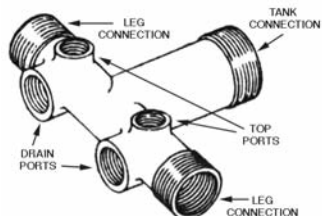
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Tank Crosses - Short Cast NO LEAD Brass



General Tank Cross Features:

- Internal and external threads reduce fittings needed & installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- **NO LEAD** brass tank crosses are **Third party certified to NSF/ANSI 372.**



NO LEAD BRASS Short cast crosses
Use with Flexcon Flex-Lite Series, WellMate Tanks



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CWM100BSNL	4 1/2"	1" (FIP)	1"x3/4"	1/2" (2)	1/4" (2)	NL Brass	Import	5/40	\$ 33.93
CWM125BSNL	4 3/4"	1 1/4" (FIP)	1 1/4"x1"	3/4" (2)	1/4" (2)	NL Brass	Import	4/32	43.21
CICS736BSNL	2 1/2"	1 1/4" MIP x 1" FIP	1"x3/4"	1/2" (2)	1/4" (2)	NL Brass	Import	5/40	38.33



NO LEAD BRASS Short cast female union tank crosses
Use with Flexcon "Flex-Lite" Series, WellMate Tanks.
FPT brass union w/ American Standard Buna-N o-ring.

- 1" uses AS 568-212 o-ring
- 1 1/4" uses AS 568-320 o-ring.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CICS100BSFTUNL	4"	1" fpt union	1" x 3/4"	1/2" (2)	1/4" (2)	NL Brass	Import	4/32	\$ 40.36
CICS1251BSFTUNL	4"	1 1/4" fpt union	1" x 3/4"	1/2" (2)	1/4" (2)	NL Brass	Import	4/32	49.11
CICS125BSFTUNL	4"	1 1/4" fpt union	1 1/4" x 1"	3/4" (2)	1/4" (2)	NL Brass	Import	4/24	57.32



NO LEAD Short Cast Quick Connect (w/ Buna-N o-ring)
Crosses With alignment tabs for use with Well Mate
"Quick Connect" Series Tanks.

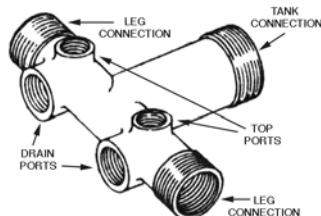
- 1" and 1 1/4" uses AS568-220 o-ring.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CWM100BSQCNL	5"	Quick Connect	1" x 3/4"	1/2" (2)	1/4" (2)	NL Brass	Import	2/24	\$ 36.61
CWM125BSQCNL	5"	Quick Connect	1 1/4" x 1"	3/4" (2)	1/4" (2)	NL Brass	Import	2/24	52.50



Tank Crosses - Short, PVC, Galvanized



General Tank Cross Features:

- Internal and external threads reduce fittings needed and installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- Injected molded PVC, galvanized ductile iron.
- Crosses are **third party certified to NSF/ANSI 372**.



Short Cast Crosses with 1 drain and 3 top ports.

*** DO NOT USE PTFE THREAD SEAL TAPE WITH PVC TANK CROSS APPLICATIONS. USE THREAD SEAL PASTE WITH OUT PTFE FOR PLASTIC THREADS ONLY.**



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CIC125	4 1/4"	1 1/4" x 1"	1" x 3/4"	3/4" (1)	1/4" (2), 1/2" (1)	PVC*	USA	100	\$ 15.20



Short cast galvanized crosses with one drain, two top ports



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
HC100G	3 3/4"	1" (FIP)	1" (FIP)	1/2" (1)	1/4" (2)	Ductile Iron	Import	30	\$ 20.21
HC10075G	4"	1" (FIP)	1" (FIP)	3/4" (1)	1/4" (2)	Ductile Iron	Import	40	18.58
HC125G	3 3/4"	1 1/4" (FIP)	1 1/4" (FIP)	1/2" (1)	1/4" (2)	Ductile Iron	Import	24	25.29
HC12575G	4"	1 1/4" (FIP)	1 1/4" (FIP)	3/4" (1)	1/4" (2)	Ductile Iron	Import	25	24.11



Short cast galvanized crosses with one drain, two top ports



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
IC100G	3"	1" (FIP)	1" (FIP)	3/4" (1)	1/4" (2)	Ductile Iron	Import	28	\$ 21.11
IC125G	3 1/2"	1 1/4" (FIP)	1 1/4" (FIP)	3/4" (1)	1/4" (2)	Ductile Iron	Import	24	24.35



Short cast galvanized crosses with two drain, two top ports



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
IC200G	3"	1" (FIP)	1" (FIP)	1/2" (2)	1/4" (2)	Ductile Iron	Import	48	\$ 25.18



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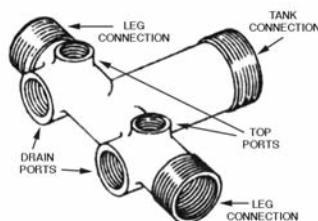
4/19/16

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Tank Crosses - Long Cast NO LEAD Brass, Stainless Steel



General Tank Cross Features:

- Internal and external threads reduce fittings needed & installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- **NO LEAD** brass, bronze and stainless steel tank crosses are **third party certified to NSF/ANSI 372**.



NO LEAD BRASS and BRONZE Long Cast Tank Crosses with 1 drain & 2 top ports.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CHC100BSENL	11"	1"	1" x 3/4"	1/2" (1)	1/4" (2)	NL Brass	Import	2/24	\$ 42.68
CHC100BNL	11"	1"	1" x 3/4"	1/2" (1)	1/4" (2)	NL Bronze	USA	12	95.41



NO LEAD BRASS and BRONZE Long Cast Tank Crosses with 2 drain & 2 top ports.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CIC100BSENL	11"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	NL Brass	Import	2/24	\$ 42.68
CIC100BNL	11"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	NL Bronze	USA	12	95.29
CIC100BS14ENL	14"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	NL Brass	Import	2/12	61.07
CIC125BS14ENL	14"	1 1/4"	1 1/4" x 1"	3/4" (2)	1/4" (2)	NL Brass	Import	2/12	81.96

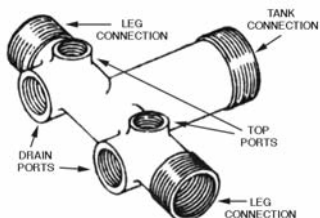


304 STAINLESS STEEL Long Cast Tank Crosses with 2 drain & 2 top ports.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CIC100SS	11"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	304 Stainless	Import	2/24	\$ 74.82
CIC125SS14	14"	1 1/4"	1 1/4" x 1"	3/4" (2)	1/4" (2)	304 Stainless	Import	2/16	103.75

Tank Crosses - Long Cast NO LEAD Brass, Stainless Steel



General Tank Cross Features:

- Internal and external threads reduce fittings needed & installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- **NO LEAD** brass and stainless steel tank crosses are **third party certified to NSF/ANSI 372**.



NO LEAD BRASS Long Cast Tank Crosses with union disconnect, with 1 drain & 2 top ports.

- Metal to metal ball joint leak proof seal.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CHC100BSUENL	11"	1"	1" x 3/4"	1/2" (1)	1/4" (2)	NL Brass	Import	2/20	\$ 54.82
CHC125BSU14ENL	14"	1 1/4"	1 1/4" x 1"	3/4" (1)	1/4" (2)	NL Brass	Import	2/12	93.04



NO LEAD BRASS Long Cast Tank Crosses with union disconnect, with 2 drain & 2 top ports.

- Metal to metal ball joint leak proof seal.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
NO LEAD Brass									
CIC100BSUENL	11"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	NL Brass	Import	2/20	\$ 54.82
CIC100BSU14ENL	14"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	NL Brass	Import	2/12	71.61
CIC125BSU14ENL	14"	1 1/4"	1 1/4" x 1"	3/4" (2)	1/4" (2)	NL Brass	Import	2/12	93.04



304 STAINLESS STEEL Long Cast Tank Crosses with union disconnect, with 2 drain & 2 top ports.

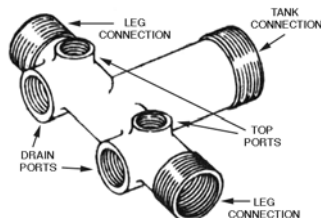
- PTFE captive gasket seal ring on 304 SS crosses.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
304 Stainless Steel									
CIC100SSU	11"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	304 Stainless	Import	2/20	85.18
CIC100SSU14	14"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	304 Stainless	Import	2/20	94.63
CIC125SSU14	14"	1 1/4"	1 1/4" x 1"	3/4" (2)	1/4" (2)	304 Stainless	Import	2/12	126.96



Tank Crosses - Long Fabricated, NO LEAD Bronze



General Tank Cross Features:

- Internal and external threads reduce fittings needed and installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- **NO LEAD** bronze, fabricated tank crosses are **third party certified to NSF/ANSI 372**.



No Lead Long Fabricated Tank Crosses with 1 drain and 2 top taps.



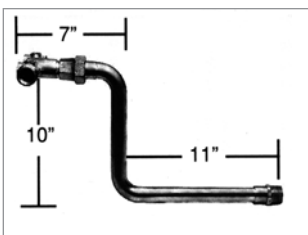
Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CHC100BFNL	11"	1"	1" x 3/4"	1/2" (1)	1/4" (2)	NL Bronze/Copper	USA	12	\$ 76.21
CHC100BF13NL	13"	1"	1" x 3/4"	1/2" (1)	1/4" (2)	NL Bronze/Copper	USA	12	98.73
CHC125BFNL	14"	1 1/4"	1 1/4" x 1"	3/4" (1)	1/4" (2)	NL Bronze/Copper	USA	12	108.42
CHC125BF16NL	16"	1 1/4"	1 1/4" x 1"	3/4" (1)	1/4" (2)	NL Bronze/Copper	USA	6	111.15



NO LEAD Long Fabricated Tank Crosses with 2 drain and 2 top taps.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CIC100BFNL	11"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	NL Bronze/Copper	USA	12	\$ 79.18
CIC100BF13NL	13"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	NL Bronze/Copper	USA	12	82.29
CIC125BFNL	14"	1 1/4"	1 1/4" x 1"	3/4" (2)	1/4" (2)	NL Bronze/Copper	USA	12	100.29
CIC125BF16NL	16"	1 1/4"	1 1/4" x 1"	3/4" (2)	1/4" (2)	NL Bronze/Copper	USA	6	104.29



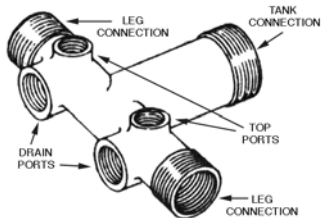
NO LEAD Long Fabricated Elevated Tank Crosses with union disconnect.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
CIC740BFNL	18"	1"	1" x 3/4"	1/2" (2)	1/4" (2)	NL Bronze/Copper	USA	9	\$ 178.42
CIC741BFNL	18"	1 1/4"	1 1/4" x 1"	3/4" (2)	1/4" (2)	NL Bronze/Copper	USA	6	279.85



Tank Crosses - Long Fabricated, PVC, Galvanized



General Tank Cross Features:

- Internal and external threads reduce fittings needed and installation time.
- Reduces turbulence and waterlogging in tanks without separate air chambers.
- Galvanized ductile iron crosses contain no lead.
- Third party certified to NSF/ANSI 372.

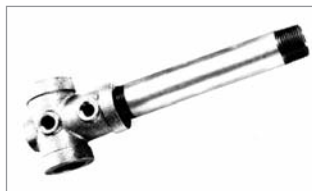


Long Fabricated PVC Tank Cross

- Shipped unassembled with 1 x 10 Sch 80 PVC nipple.
- Third party certified to NSF/ANSI 372.
- * Do not use PTFE thread seal tape with PVC tank cross applications.
Use thread seal paste without PTFE for plastic threads only.

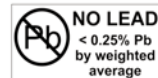


Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
IC100F	14"	1"	1" x 3/4"	3/4" (1)	1/4" (2), 1/2" (1)	PVC*	USA	12	\$ 20.47



Long Fabricated Galvanized Ductile Iron Tank Cross

- Shipped unassembled.
- HC100GF supplied with 1x8 and 1/4x3 galvanized nipples.
- HC125GF & 125/100GF supplied with 1 1/4"x11" & 1/4"x3" galvanized nipples.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
HC100GF	11 1/2"	1" (MIP)	1" (FIP)	1/2" (1)	1/4" (2)	Ductile Iron	Import	12	\$ 30.23
HC125GF	14 1/2"	1 1/4" (MIP)	1 1/4" (FIP)	1/2" (1)	1/4" (2)	Ductile Iron	Import	4	38.33



Long Fabricated Galvanized Ductile Iron Tank Cross

- Shipped unassembled.
- IC100GF supplied with 1x8 and 1/4x3 galvanized nipples.
- IC125GF supplied with 1 1/4"x11" & 1/4"x3" galvanized nipples.



Part Number	Overall Length	Tank Conn.	Leg Conn.	Drain Ports Size (Qty)	Top Ports Size (Qty)	Material	USA or Import	Ctn Qty	List Price
IC100GF	10 3/4"	1" (MIP)	1" (FIP)	3/4" (1)	1/4" (2)	Ductile Iron	Import	12	\$ 31.39
IC125GF	14 1/4"	1 1/4" (MIP)	1 1/4" (FIP)	3/4" (1)	1/4" (2)	Ductile Iron	Import	12	38.02





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Tank Installation Packages



Underground Tank Installation Package Features:

- Includes components needed to complete the installation of underground (buried) well tanks.

NO LEAD Parts include:

- 9013FSG2 40/60 Square D pressure switch
- PT800TNL 1" NO LEAD bronze pitless adapter
- EIPG1002-4LNL NO LEAD 0-100 psi, steel case, pressure gauge
- 1/4x3 PVC Sch 80 nipple
- 6204 (2) Ideal SS hose clamps
- NLBT1/4 1/4" NO LEAD brass tee
- VT129HB-4-2N Nylon Ell 1/4" hose barb x 1/8" mip
- SW019 4 feet 1/4" x 1/2" OD red rubber hose
- 146-1899N 1/4" Nylon male insert adapter (mpt x hose barb)



Part Number	List Price
IP100UGNL 40/60	\$ 222.47



Tank Installation Packages - 1" Bottom Discharge

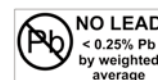
- ALL NO LEAD brass tank installation package components are third party certified to NSF/ANSI 372.
- ALL tank installation package components contain NO LEAD.



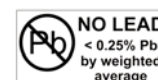
TP100BSNL	CHC100BSEN	NO LEAD Brass	11"	\$ 119.16
TP100BNL	CHC100BNL	NO LEAD Bronze	11"	176.96
• see above • 9013FSG2 30/50 • B80-1/4x3 • EIPG1002-4LNL		1"x11" Long NO LEAD Brass or Bronze Tank cross Pressure Switch. Brass Nipple. 100lb NO LEAD Pressure Gauge.		



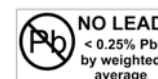
IP100BSEN	CIC100BSEN	NO LEAD Brass	11"	128.58
IP100BS14ENL	CIC100BS14ENL	NO LEAD Brass	14"	139.90
IP100BRNL	CIC100BNL	NO LEAD Bronze	11"	225.06
IP100BFRNL	CIC100BFNL	NO LEAD Bronze	11"	210.50
IP100BF13RNL	CIC100BF13NL	NO LEAD Bronze	13"	213.90
• see above • 9013FSG2 30/50 • B80-1/4x3 • EIPG1002-4LNL • IRV50NL • HNKD50NL		1" Long NO LEAD Brass or Bronze Tank Cross. Pressure Switch. Brass Nipple. 100lb NO LEAD Pressure Gauge 1/2" NO LEAD Brass Relief Valve 1/2" NO LEAD Brass No Kink Boiler Drain		



IP100BSUENL	CIC100BSUENL	NO LEAD Brass	11"	\$ 140.49
IP100BSU14ENL	CIC100BSU14ENL	NO LEAD Brass	14"	147.29
• see above • 9013FSG2 30/50 • B80-1/4x3 • EIPG1002-4LNL • IRV50NL • HNKD50NL		1" Long NO LEAD Union Tank Cross Pressure Switch. Brass Nipple. 100lb NO LEAD Pressure Gauge 1/2" NO LEAD Brass Relief Valve 1/2" NO LEAD Brass No Kink Boiler Drain		



IP100SSNL	CIC100SS	Stainless Steel	11"	\$ 166.14
• see above • 9013FSG2 30/50 • SS80-1/4x3 • EIPG1002-4LNL • IRV50SS • IHBB50SS • HTST60-1/2SS		1" Long Stainless Steel Cast Tank Cross. Pressure Switch. Stainless Steel Nipple. 100lb NO LEAD Pressure Gauge 1/2" Stainless Steel Relief Valve 1/2" Stainless Steel Hose Bibb 1/2" x 60" Stainless Steel PTFE Tape		



Tank Installation Packages - 1" Bottom Discharge



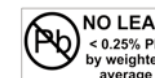
- Do not use PTFE thread seal tape with PVC tank cross applications.
- Use thread paste without PTFE approved for plastic threads only.
- ALL tank installation package components contain NO LEAD.



IP100SSUNL	CIC100SSU	Stainless Steel	11"	\$ 201.49
IP100SSU14NL	CIC100SSU14	Stainless Steel	14"	223.52
• see above 1" Long Stainless Steel Union Tank Cross. • 9013FSG2 30/50 Pressure Switch. • SS80-1/4x3 Stainless Steel Nipple. • EIPG1002-4LNL 100lb No Lead Pressure Gauge. • IRV50SS 1/2" Stainless Steel Relief Valve. • IHBB50SS 1/2" Stainless Steel Hose Bibb. • HTST60-1/2SS 1/2" x 60" Stainless Steel PTFE Tape				



TP100GFNL	HC100GF	Fab Galvanized	11 1/2"	\$ 87.29
• HC100G 1" Galvanized Tank Cross. • GS80-1/4x3 Galvanized Steel Nipple. • GS80-1x8 Galvanized Steel Nipple. • 9013FSG2 30/50 Pressure Switch. • EIPG1002-4LNL 100lb NO LEAD Pressure Gauge • HNKD50NL 1/2" NO LEAD Brass No Kink Boiler Drain				



TP100PFNL	IC100F	Fab. PVC	14"	\$ 70.26
• IC100F 1" x 14" Long PVC Fabricated Safety Tank Cross. • 9013FSG2 30/50 Pressure Switch. • 1/4x3 PVC Schedule 80 Nipple. • 450-005 PVC Schedule 40 Threaded Plug. • EIPG1002-4LNL 100lb NO LEAD Pressure Gauge				



IP100PFRNL	IC100F	Fab. PVC	14"	\$ 94.68
• IC100F 1"x14" Long PVC Fabricated Safety Tank Cross. • 9013FSG2 30/50 Pressure Switch. • 1/4 x 3 PVC Schedule 80 Nipple. • EIPG1002-4LNL 100lb NO LEAD Pressure Gauge • IRV50NL 1/2" NO LEAD Brass Relief Valve • HNKD75NL 3/4" NO LEAD Brass No Kink Boiler Drain				





Tank Installation Packages - 1 1/4" Bottom Discharge

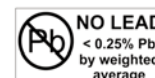
- ALL tank installation package components are contain NO LEAD.



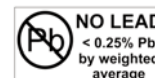
TP125BFNL	CHC125BFNL	NO LEAD Bronze 14"	\$ 195.40
• CHC125BFNL	1 1/4" Long NO LEAD Fabricated Bronze Tank Cross		
• 9013FSG2 30/50	Pressure Switch.		
• B80-1/4 x 3	Brass Nipple.		
• EIPG1002-4LNL	100lb. NO LEAD Brass Pressure Gauge.		



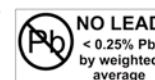
IP125BFR7NL	CIC125BFNL	NO LEAD Bronze 14"	\$ 252.07
IP125BF16R7NL	CIC125BF16NL	NO LEAD Bronze 16"	257.74
• see above	1 1/4" Long NO LEAD Fabricated Bronze Tank Cross		
• 9013FSG2 30/50	Pressure Switch.		
• B80-1/4 x 3	Brass Nipple.		
• EIPG1002-4LNL	100lb. NO LEAD Brass Pressure Gauge.		
• RV75NL	3/4" NO LEAD Brass Relief Valve.		
• HNKD75NL	3/4" NO LEAD Brass No Kink Boiler Drain.		



IP125BS14ENL	CIC125BS14ENL	NO LEAD Brass 14"	\$ 167.21
• CIC125BS14ENL	1 1/4" Long NO LEAD Cast Brass Tank Cross		
• 9013FSG2 30/50	Pressure Switch.		
• B80-1/4 x 3	Brass Nipple.		
• EIPG1002-4LNL	100lb. NO LEAD Brass Pressure Gauge.		
• IRV75NL	3/4" NO LEAD Brass Relief Valve.		
• HNKD75NL	3/4" NO LEAD Brass No Kink Boiler Drain.		



IP125BSU14ENL	CIC125BSU14ENL	NO LEAD Brass 14"	\$ 184.20
• See above	1 1/4" Long NO LEAD Union Brass Tank Cross		
• 9013FSG2 30/50	Pressure Switch.		
• B80-1/4 x 3	Brass Nipple.		
• EIPG1002-4LNL	100lb. NO LEAD Brass Pressure Gauge.		
• IRV75NL	3/4" NO LEAD Brass Relief Valve.		
• HNKD75NL	3/4" NO LEAD Brass No Kink Boiler Drain.		



Tank Installation Packages - 1 1/4" Bottom Discharge



- ALL tank installation package components contain NO LEAD.



IP125SS14NL	CIC125SS14	Stainless Steel	14"	\$ 199.42
• see above	11/4" Long Stainless Steel Cast Tank Cross.			
• 9013FSG2 30/50	Pressure Switch.			
• SS80-1/4x3	Stainless Steel Nipple.			
• EIPG1002-4LNL	100lb NO LEAD Pressure Gauge.			
• IRV75SS	3/4" Stainless Steel Relief Valve.			
• IHBB75SS	3/4" Stainless Steel Hose Bibb.			
• HTST60-1/2SS	1/2" x 60" Stainless Steel PTFE Tape			



IP125SSU14NL	CIC125SSU14	Stainless Steel	14"	\$ 267.88
• see above	11/4" Long Stainless Steel Union Tank Cross.			
• 9013FSG2 30/50	Pressure Switch.			
• SS80-1/4x3	Stainless Steel Nipple.			
• EIPG1002-4LNL	100lb NO LEAD Pressure Gauge.			
• IRV75SS	3/4" Stainless Steel Relief Valve.			
• IHBB75SS	3/4" Stainless Steel Hose Bibb.			
• HTST60-1/2SS	1/2" x 60" Stainless Steel PTFE Tape			



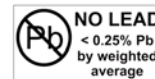


Tank Installation Packages - 1" Side Discharge

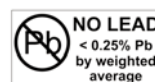
- ALL tank installation package components contain no lead and are third party certified to NSF/ANSI 372.



TP100BRNL	CCAT100BSNL	NO LEAD Brass	4 1/4"	\$ 132.03
• CCAT100BSNL 1" Short NO LEAD Brass Safety Tank Cross. • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • EIPG1002-4LNL 100lb NO LEAD Pressure Gauge • IRV50NL 1/2" NO LEAD Brass Relief Valve • HNKD50NL 1/2" NO LEAD Brass No Kink Boiler Drain				



IPS100BSENL	CICS100BSENL	NO LEAD Brass	4 1/2"	\$ 101.95
• see above 1" Short NO LEAD Brass Tank Cross. • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • EIPG1002-4LNL 100lb NO LEAD Pressure Gauge • IRV50NL 1/2" NO LEAD Brass Relief Valve • HNKD50NL 1/2" NO LEAD Brass No Kink Boiler Drain				



IPS100SSNL	CICS100SS	Stainless Steel	4 1/2"	\$ 146.18
• see above 1" Short Stainless Steel Cast Tank Cross. • 9013FSG2 30/50 Pressure Switch. • SS80-1/4 x 3 Stainless Steel Nipple. • EIPG1002-4LNL 100lb NO LEAD Pressure Gauge • IRV50SS 1/2" Stainless Steel Relief Valve • IHBB50SS 1/2" Stainless Steel Hose Bibb • HTST60-1/2SS 1/2" x 60" Stainless Steel PTFE Tape				



IPWM100BSNL	CWM100BSNL	NO LEAD brass	4 1/2"	\$ 116.78
• CWM100BSNL 1" NO LEAD Brass Tank Cross for FLEXCON "Flex-Lite" WELLMATE tanks • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • EIPG1002-4LNL 100lb NO LEAD Pressure Gauge • IRV50NL 1/2" NO LEAD Brass Relief Valve • HNKD50NL 1/2" NO LEAD Brass No Kink Boiler Drain				



IPWM100SSNL	CWM100SS	Stainless Steel	4 1/2"	\$ 156.32
• CWM100SS 1" Short Cast SS Tank Cross for FLEXCON "Flex-Lite" WELLMATE tanks • 9013FSG2 30/50 Pressure Switch. • SS80-1/4 x 3 Stainless Steel Nipple. • EIPG1002-4LNL 100lb NO LEAD Pressure Gauge • IRV50SS 1/2" Stainless Steel Relief Valve • IHBB50SS 1/2" Stainless Steel Hose Bibb • HTST60-1/2SS 1/2" x 60" Stainless Steel PTFE Tape				



Tank Installation Packages - 1" Side Discharge



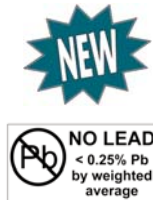
- ALL tank installation package components contain no lead and are third party certified to NSF/ANSI 372.



IPS100BSFTUNL	CICS100BSFTUNL	NO LEAD brass	4 1/2"	\$ 133.82
• CICS100BSFTUNL	1" NO LEAD Brass Tank Cross for FLEXCON "Flex-Lite", WELLMATE tanks			
• 9013FSG2 30/50	Pressure Switch.			
• B80-1/4 x 3	Brass Nipple.			
• EIPG1002-4LNL	100lb NO LEAD Pressure Gauge			
• IRV50NL	1/2" NO LEAD Brass Relief Valve			
• HNKD50NL	1/2" NO LEAD Brass No Kink Boiler Drain			



IPS100SSFTUNL	CICS100SSFTU	Stainless Steel	4"	\$ 162.04
• CICS100SSFTU	1" Short Cast SS Tank Cross for FLEXCON "Flex-Lite", WELLMATE tanks			
• 9013FSG2 30/50	Pressure Switch.			
• SS80-1/4 x 3	Stainless Steel Nipple.			
• EIPG1002-4LNL	100lb NO LEAD Pressure Gauge			
• IRV50SS	1/2" Stainless Steel Relief Valve			
• IHBB50SS	1/2" Stainless Steel Hose Bibb			
• HTST60-1/2SS	1/2" x 60" Stainless Steel PTFE Tape			



IPS100BSUENL	CICS100BSUENL	NO LEAD Brass	5 1/2"	\$ 131.18
• CICS100BSUENL	1" Short LEAD Brass Union Tank Cross			
• 9013FSG2 30/50	Pressure Switch.			
• B80-1/4 x 3	Brass Nipple.			
• EIPG1002-4LNL	100lb NO LEAD Pressure Gauge			
• IRV50NL	1/2" NO LEAD Brass Relief Valve			
• HNKD50NL	1/2" NO LEAD Brass No Kink Boiler Drain			



IPS100SSUNL	CICS100SSU	Stainless Steel	5 1/2"	\$ 183.85
• see above	1" Short Cast Stainless Steel Tank Cross.			
• 9013FSG2 30/50	Pressure Switch.			
• SS80-1/4x3	Stainless Steel Nipple.			
• EIPG1002-4LNL	100lb No Lead Pressure Gauge.			
• IRV50SS	1/2" Stainless Steel Relief Valve.			
• IHBB50SS	1/2" Stainless Steel Hose Bibb.			
• HTST60-1/2SS	1/2" x 60" Stainless Steel PTFE Tape			





Tank Installation Packages - 1 1/4" Side Discharge

- ALL tank installation package components contain no lead and are third party certified to NSF/ANSI 372.



IP125BSNL	CIC125BSNL	NO LEAD Brass	4 1/4"	\$ 130.38
• CIC125BSNL • 9013FSG2 30/50 • B80-1/4 x 3 • EIPG1002-4LNL • IRV50NL • HNKD75NL	1 1/4" Short Cast NO LEAD Brass Cross. Pressure Switch. Brass Nipple. 100lb NO LEAD Pressure Gauge 1/2" NO LEAD Brass Relief Valve 3/4" NO LEAD Brass No Kink Boiler Drain			



IP3125BSENL	CIC3125BSENL	NO LEAD Brass	4 1/2"	\$ 120.13
• CIC3125BSENL • 9013FSG2 30/50 • B80-1/4 x 3 • EIPG1002-4LNL • IRV75NL • HNKD75NL	1 1/4" Short Cast NO LEAD Brass Tank Cross Pressure Switch. Brass Nipple. 100lb. NO LEAD Brass Pressure Gauge. 3/4" NO LEAD Brass Relief Valve. 3/4" NO LEAD Brass No Kink Boiler Drain			



IPS125SSNL	CICS125SS	Stainless Steel	4 1/2"	\$ 170.57
• see above • 9013FSG2 30/50 • SS80-1/4 x 3 • EIPG1002-4LNL • IRV75SS • IHBB75SS • HTST60-1/2SS	1" Short Cast Stainless Steel Tank Cross. Pressure Switch. Stainless Steel Nipple. 100lb NO LEAD Pressure Gauge 3/4" Stainless Steel Relief Valve 3/4" Stainless Steel Hose Bibb 1/2" x 60" Stainless Steel PTFE Tape			



IPWM125BSNL	CWM125BSNL	No Lead brass	4 3/4"	\$ 128.44
• CWM125BSNL • 9013FSG2 30/50 • B80-1/4 x 3 • EIPG1002-4LNL • IRV75NL • HNKD75NL	1 1/4" NO LEAD Brass Cross for FLEXCON "Flex-Lite", WELLMATE tanks Pressure Switch. Brass Nipple. 100lb. NO LEAD Brass Pressure Gauge. 3/4" NO LEAD Brass Relief Valve. 3/4" NO LEAD Brass No Kink Boiler Drain			



IPWM125SSNL	CWM125SS	Stainless Steel	4 3/4"	\$ 185.79
• CWM125SS • 9013FSG2 30/50 • SS80-1/4 x 3 • EIPG1002-4LNL • IRV75SS • IHBB75SS • HTST60-1/2SS	1 1/4" Stainless Steel Cross for FLEXCON "Flex-Lite", WELLMATE tanks Pressure Switch. Stainless Steel Nipple. 100lb. NO LEAD Brass Pressure Gauge. 3/4" Stainless Steel Relief Valve. 3/4" Stainless Steel Hose bibb 1/2" x 60" Stainless Steel PTFE Tape			



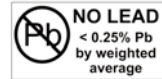
Tank Installation Packages - 1 1/4" Side Discharge



- ALL tank installation package components contain no lead and are third party certified to NSF/ANSI 372.
- Do not use PTFE thread seal tape with PVC tank cross applications.
- Use thread paste without PTFE approved for plastic threads only.



IPS125BSFTUNL	CICS125BSFTUNL	NO LEAD brass	4"	\$ 144.57
• CICS125BSFTUNL 1 1/4" NO LEAD Brass Cross for FLEXCON "Flex-Lite", WELLMATE tanks • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • EIPG1002-4LNL 100lb. NO LEAD Brass Pressure Gauge. • IRV75NL 3/4" NO LEAD Brass Relief Valve. • HNKD75NL 3/4" NO LEAD Brass No Kink Boiler Drain				



IPS125SSFTUNL	CICS125SSFTU	Stainless Steel	4"	\$ 191.96
• CICS125SSFTU 1 1/4" Stainless Steel Cross for FLEXCON "Flex-Lite", WELLMATE tanks • 9013FSG2 30/50 Pressure Switch. • SS80-1/4 x 3 Stainless Steel Nipple. • EIPG1002-4LNL 100lb. NO LEAD Brass Pressure Gauge. • IRV75SS 3/4" Stainless Steel Relief Valve. • IHBB75SS 3/4" Stainless Steel Hose bibb • HTST60-1/2SS 1/2" x 60" Stainless Steel PTFE Tape				



IPS125BSUENL	CICS125BSUENL	NO LEAD Brass	5 1/2"	\$ 149.74
• CICS125BSUENL 1 1/4" Short Cast NO LEAD Brass Cross w/ union • 9013FSG2 30/50 Pressure Switch. • B80-1/4 x 3 Brass Nipple. • EIPG1002-4LNL 100lb. NO LEAD Brass Pressure Gauge. • IRV75NL 3/4" NO LEAD Brass Relief Valve. • HNKD75NL 3/4" NO LEAD Brass No Kink Boiler Drain				



IPS125SSUNL	CICS125SSU	Stainless Steel	5 1/2"	\$ 189.72
• CICS125SSU 1 1/4" Short Cast Stainless Steel Tank Cross w/ union • 9013FSG2 30/50 Pressure Switch. • SS80-1/4x3 Stainless Steel Nipple. • EIPG1002-4LNL 100lb No Lead Pressure Gauge. • IRV75SS 3/4" Stainless Steel Relief Valve. • IHBB75SS 3/4" Stainless Steel Hose Bibb. • HTST60-1/2SS 1/2" x 60" Stainless Steel PTFE Tape				



IP125PRNL	CIC125	PVC	4 1/4"	\$ 104.45
• CIC125 1-1/4" Short PVC Safety Cross. • 9013FSG2 30/50 Pressure Switch. • 1/4 x 3 Schedule 80 PVC Nipple. • EIPG1002-4LNL 100lb NO LEAD Pressure Gauge. • IRV50NL 1/2" NO LEAD Brass Relief Valve. • HNKD75NL 3/4" NO LEAD Brass No Kink Boiler Drain				





Pressure Relief Valves

RV and IRV Series Relief Valve Features:

- Heavy duty no lead bronze, **no lead** brass or 304 stainless steel.
- For shallow, deep well and submersible pumps.
- **Third party certified to NSF/ANSI 372.**
- Spring loaded and pre-set under pressure, **NOT ADJUSTABLE.**
- 1/2" or 3/4" (IRV7575) discharge.



Hamilton Adjustable Safety Relief Valve Features:

- Preset at 75 P.S.I. with concealed adjusting screw to prevent tampering.
- No-lead brass heavy duty, full-flow design with Buna-N seats.
- **Third party certified to NSF/ANSI 372.**



RV-NL Series

ISO 9001



IRV-NL



IRV SS Series



HRV Series

NOTE: Relief valves on this page are not for use with hot water heaters. Recommended for cold water system installations only.

Preset relief valves are **NOT** intended to be adjusted. Any adjustment to preset relief valves voids warranty.

Part Number	Size	Pressure Setting	Ctn/Case	List Price
NO LEAD Bronze Relief Valves - Made in USA				
RV50NL	1/2" x 1/2"	Set at 75 psi	50/150	29.00
RV75NL	3/4" x 1/2"	Set at 75 psi	50/150	29.43
RV50-100NL	1/2" x 1/2"	Set at 100 psi	50/150	29.00
RV75-100NL	3/4" x 1/2"	Set at 100 psi	50/150	29.43

NO LEAD Brass Relief Valves - Imported

IRV50NL	1/2" x 1/2"	Set at 75 psi	10/100	11.38
IRV75NL	3/4" x 1/2"	Set at 75 psi	10/100	11.96
IRV50-100NL	1/2" x 1/2"	Set at 100 psi	10/100	11.38
IRV75-100NL	3/4" x 1/2"	Set at 100 psi	10/100	11.96
IRV7575NL	3/4" x 3/4"	Set at 75 psi	10/100	13.75
IRV7575-100NL	3/4" x 3/4"	Set at 100 psi	10/100	13.75

304 Stainless Steel Relief Valves - Imported

IRV50SS	1/2" x 1/2"	Set at 75 psi	10/100	19.66
IRV75SS	3/4" x 1/2"	Set at 75 psi	10/100	20.76
IRV50-100SS	1/2" x 1/2"	Set at 100 psi	10/100	19.66
IRV75-100SS	3/4" x 1/2"	Set at 100 psi	10/100	20.76
IRV7575SS	3/4" x 3/4"	Set at 75 psi	10/100	21.50
IRV7575-100SS	3/4" x 3/4"	Set at 100 psi	10/100	21.50

Hamilton NO LEAD Brass Adjustable Safety Relief Valves

		Set at Adjustable to		Sold at Preset Only	
HRV50NL	1/2" mipt x 1/2" fipt	75 psi	150 psi	25	58.17
HRV75NL	3/4" mipt x 3/4" fipt	75 psi	100 psi	25	79.08
HRV125NL	1 1/4" mipt x 1 1/4" fipt	75 psi	200 psi	10	218.37
HRV175NL	1" mipt x 3/4" fipt	75 psi	200 psi	25	137.76

FLOW RATES							
PSI	85	90	95	100	105	110	115
RV Series gpm	.30	7.3	7.7	9.8	17.9	18.9	20.6
IRV Series gpm	2.0	2.7	3.8	4.7	7.0	12.0	12.7
PSI	10	20	30	40	60	80	100
HRV50	.6	1.5	2.5	3.6	6.1	8.8	11.8
HRV75			2.8	5.5	11.0	13.8	17.9
HRV175	6.0	12.6	19.0	24.6	35.6	44.8	52.3
HRV125	12.0	35.0	48.4	69.2	106.5	132.5	150.0



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Fax (888) 562-2095

4/19/16

1.23

Installation Accessories - Tank



TL3



PMB1



SN18NL, SN18LNL, SN25NL, SN25LNL



PTG1002

Tank Legs Features:

- Elevates tank above floor and out of condensation pools.
- Leveled on uneven floors without the use of tools.
- Custom molded from high strength ABS.

Pump Mounting Bracket Features:

- Elevates pump out of corrosive atmosphere.
- Heavy duty 12 gauge cold rolled steel with gray enamel coating. Heaviest steel gauge bracket available in the market.
- Plastic protectors on the pump stand legs prevent scratching of the tank.
- Supplied with 1", 1 1/4" zinc plated steel screws and steel adapter for larger tanks.
- Fits all pumps and comes individually cartoned.

Air Valve Features:

- Used for reciprocating and submersible pumps to admit air to system.
- Used for charging applications and many other uses.
- Available in long and short patterns.
- Made in USA



Pressure Test Gauge Features:

- 0-100 psi, 2" plastic lens.
- Brass test fitting with pressure release button.
- Heavy rubber boot to protect gauge from damage.

Part Number	Size	Pressure Setting/Description	Ctn Qty	List Price
Tank Legs				
TL3		(3/Package), ABS	48	\$ 3.45
Pump Mounting Brackets				
PMB1		12 gauge steel plate, Gray	20	26.43
Air Valves - Made in USA				
LVC18		Replacement Core for light spring models		0.94
SN18NL	1/8"	Short Pattern Light Spring (Snifter) NO LEAD	25/250	3.15
SN18LNL	1/8"	Long, Light Spring (Snifter) NO LEAD	25/250	3.89
SN18LNLNCS	1/8"	Long, No Core Spring NO LEAD	25/250	4.07
SN25NL	1/4"	Short Pattern Heavy Spring NO LEAD	25/250	4.27
SN25LNL	1/4"	Long, Light Spring (Snifter) NO LEAD	25/250	4.67
Pressure Test Gauge				
PTG1002		Pressure test gauge	50	14.90





Air Volume Controls



AV
Non-Repairable



AV Repairable



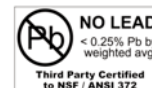
AC100



AVCTF1/4x3/8NL

Brady Air Volume Control Features:

- Maintains water flow-stretches pump life.
- Repairable and non-repairable offering.
- Diaphragm-type air volume control maintains correct proportions of air & water in jet systems.
- Die Cast, 96% Zinc. Individually cartoned.
- Available with or without Tapped Gauge Port.
- "E" Series compares to Boshart "AVC" and Merrill "AV" series non-repairable controls.

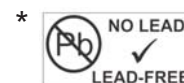


Air Charger Features:

- For jet systems.
- Positive action control. No flexing diaphragm or metal springs to malfunction.
- Will not corrode in a moist environment.
- Fits all tanks up to and including 82 gallon.
- Available with tube & fittings as an optional extra, specify **AC100TF**. Includes 60" tubing & assortment of special NL brass fittings & adapters, eliminates duplication of inventories with a single kit for all applications.

Universal Air Charger Installation Kit Features:

- Fits all air volume controls.
- Includes 60" polyethylene tubing and assortment of special NL brass fittings and adapters, eliminating duplication of inventories with a single kit for all applications.



Air Volume Control Tank Fitting Features:

- No Lead Brass. Certified Lead Free



Part Number (Tapped)	Tank Capacity	Tank Port	Suction Port	Ctn Qty	Tapped List Price	Standard List Price	
Non-repairable *							
AV45E	80	1/4" pipe	7/16"-24 pipe	50		\$17.68	
AV45	80	1/4" pipe	7/16"-24 pipe	50		48.09	
AV45F	80	1/4" pipe	1/8" pipe tap	50		49.05	
AV100E	120	3/8" pipe	7/16"-24 pipe	50		18.75	
AV100	120	3/8" pipe	7/16"-24 pipe	50		51.57	
AV100F	120	3/8" pipe	1/8" pipe tap	50		56.28	
Repairable *							
AV30	42	1/4" pipe	7/16"-24 pipe	100		51.63	
AV42	AV42T	80	1/4" pipe tap	1/4" pipe tap	50	79.01	75.53
AV80	AV80T	120	1/4" pipe tap	1/4" pipe tap	50	82.61	78.21
AV120	AV120T	220	3/8" pipe tap	1/4" pipe tap	25	108.38	103.89
Repair Kits • Fits all makes of repairable diaphragm type controls							
AV30-3A	For Brady AV30 controls			42		31.90	
AV42-3A	For Brady AV42 controls			42		37.48	
AV80-3A	For Brady AV80 controls			42		43.82	
AV120-3A	For Brady AV120 controls			42		57.39	
Plastic Air Charger *							
AC100				30		21.13	
CAC100				Bulk Packed		17.88	
Air Charger with Tubing and Fittings **							
AC100TFNL	No lead kit			20		35.20	
AC100TFBTNL	No lead kit with Black Tubing			20		35.20	
Air Charger Installation Kit with Tubing and Fittings **							
UTF1NL	No lead kit			24		21.61	
UTF1BTNL	No lead kit with Black Tubing			24		21.61	
Air Volume Control Tank Fitting - No Lead Brass							
AVCTF1/4x3/8NL	Air Volume Control Tank Fitting 1/4" MPT x 3/8" FPT			500		6.96	

** See page 6.7 for additional lengths of MV4040 1/2" OD x 0.17" ID translucent and black tubing.

Air Releases & Controls



HAE1

HARVARD

All Plastic Deep Well Air Release Features:

- Formerly Robert Shaw* AE10
(*used with permission of Invensys Controls)
- Maintains proper ratio of air to water in submersible water systems.
- All polyethylene construction eliminates corrosion.
- Includes gauge port and 0-40 psi limited bleed adjustment.
- **NO LEAD - Third party certified to NSF/ANSI 372.**
- Made in USA.



Formerly Robert Shaw/Invensys



BAR125N

Brady Plastic Deep Well Air Release Features:

- Maintains the proper ratio of air to water.
- Constructed of ABS resin grade plastic.
- Non-corrosive, non-conductive and completely serviceable.
- Release mechanism consists of a Buna-N procession ball & 316 stainless steel spring.
- Factory set at 20 P.S.I., adjustable from 0 to 40 P.S.I.



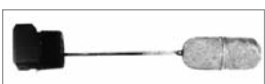
WJ1

Deep Well Air Release Features:

- Maintains proper ratio of air to water in submersible water systems.
- Deluxe deep well air release features ABS float and molded or cast body which prevents galvanic action at pump tank tapping.
- **WJ1NL NO LEAD**
- WJ1NL Imported.



HF93B1



SWCL

Shallow Well Control Features:

- Preserves correct proportion of water and air in shallow well reciprocating pump systems.
- **SWCLNL NO LEAD**
- Imported.



Part Number	Tapping	Manufacturer	Ctn Qty	List Price
All Plastic Deep Well Air Release				
HAE1	1 1/4"	Harvard (formerly Robert Shaw)	49	\$ 45.71
BAR125N	1 1/4"	Brady	50	44.39
Deep Well Air Release				
WJ1NL	1 1/4"	Ametek	20	67.68
HF93B-1	1 1/4"	Johnson	50	42.17
Shallow Well Control				
SWCLNL	1 1/4"	NO LEAD Ametek	20	77.11





Installation Accessories - Submersible



TA48



SG Series



MG6



TA6100



WG Series

All torque arrestors, pump guides, cable guards are third party certified to NSF/ANSI 372.



Deluxe Torque Arrestor Features:

- Two piece design, molded from PVC or natural rubber.
- PVC torque arrestor is **40% heavier** than competitors to resist long-term casing abrasion.
- Field adjustable to hold pump centered in well.
- Fits all well casings from 4" to 8" I.D.
- Torque Arrestor is securely fastened to 1" or 1 1/4" drop pipe w/ **2 Ideal all stainless steel** clamps included.
- Available bagged or bulk without clamps.

Spider Style Torque Arrestor Features:

- Spider style molded from natural rubber.
- Installs just above discharge of submersible pump.
- Tabs are easily cut for field alteration.
- 4"-6" casing, 1" center hole.

Natural Rubber Pump Guide Features:

- Installed at the top of the submersible pump discharge.
- Permits the pump to be lowered without damage from abrading against the well casing & ledge while centering the pump in the well.

Cable Guard Features:

- Snap-in and self clamping styles.
- Keeps power cable from abrading against well casing.
- A minimum of three to five should be used; one at the pump, one no further than 15' above the pump, and one between 25' and 30' above the pump.
- Adjustable - use in 4", 5" and 6" wells. Available for 1" or 1 1/4" drop pipe.
- Made of polyethylene and will float.



Part Number	Description	Color	Ctn Qty	List Price
Deluxe PVC Torque Arrestor				
TA48	Bagged, with 2 Ideal all stainless steel clamps	Black	16	\$ 13.89
TA48G	Bagged, with 2 Ideal all stainless steel clamps	Green	16	15.54
CTA48	Bulk, no clamps	Black	Bulk	11.35
CTA48G	Bulk, no clamps	Green	Bulk	12.50
Deluxe Rubber Torque Arrestor				
TA48R	Bagged with 2 Ideal all stainless steel clamps	Black	16	15.68
CTA48R	Bulk, No clamps	Black	Bulk	13.93
Spider Style Rubber Torque Arrestor				
TA6100	6x1	Black	50	27.47
Natural Rubber Pump Guides Fits Casing ID Guide OD Drop Pipe				
SG400-3X1	4"	3"	1"	Bulk 4.89
SG400-3X1 1/4	4"	3"	1 1/4"	Bulk 4.89
SG500-4X1	5"	4"	1"	Bulk 5.30
SG558-5X1	5-5/8"	5"	1"	Bulk 8.99
SG600-55/8X1	6"	5 5/8"	1"	Bulk 10.31
SG600-55/8X1 1/4	6"	5 5/8"	1 1/4"	Bulk 10.31
SG625-6X1	6 1/4"	6"	1"	Bulk 11.41
SG625-6X2	6 1/4"	6"	2"	Bulk 11.41
Cable Guard				
MG6	With two cable holes, fits 4"-6" casing		100	0.96
WG100	1" Self-clamping style, fits 4"-6" casing		48	2.93
WG125	1 1/4" Self-clamping style, fits 4"-6" casing		48	4.86



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4/19/16

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Installation Accessories - Submersible



MR Series

HARVARD® Submersible Safety Rope Features:

- Custom extruded from tough polypropylene fiber.
- Highly resistant to chafing, abrasion & corrosion.
- Recommended wherever minimum stretch and maximum strength are required.
- Twisted SR25 Series tested in excess of 1,200 lbs.. Braided MR25 Series tested in excess of 1,000 lbs.
- Plastic or wood reels.



PO100

Bleeder Orifices Features:

- Provides a fast bleed through its large opening.
- Complete closure prevents loss of pumping volume.
- Full 1" size molded of virgin rubber increases bleed capacity & reduces cost of pipe fitting.
- 3/4" available in brass, NO LEAD brass.
- Bleeder orifice tee available. Includes yellow brass insert tee w/ 1" rubber bleeder orifice.
- **All bleeder orifices are third party certified to NSF/ANSI 372.**



ES

Ejector Screen Features:

- Protects heat pumps against plugged nozzles and clogged venturis.
- Non-corrosive brass or stainless steel screen.
- Installs easily in discharge side of ejector.



CT Series

Cable Tie Features:

- UL approved, self-clinching nylon fastener.
- Ideal for holding cable to drop pipe, positioning cable guards, etc.
- Withstands -65° to 225°F.
- Packaged in bags of 100.
- Manufactured for AGI in an ISO 9002 facility.



ISO 9002



Part Number	Description	Ctn Qty	List Price
HARVARD® Braided Safety Rope			
MR25-500	Blue/White, 1/4" x 500' Plastic Reel, 1000#	1	\$ 31.96
MR25-1	Blue/White, 1/4" x 1000' Plastic Reel, 1000#	1	62.57
MR25-3	Blue/White, 1/4" x 3000' Plastic Reel, 1000#	1	197.32
HARVARD® Twisted Safety Rope			
SR25-500	Black, 1/4" x 500' Plastic Reel, 1200#	1	48.86
SR25-1	Black, 1/4" x 1000' Plastic Reel, 1200#	1	92.75
SR25-3	Black, 1/4" x 3000' Plastic Reel, 1200#	1	305.54
Bleeder Orifices			
PO75BNL	3/4" Brass, NO LEAD	25/250	12.97
PO100	1", Rubber	25/100	2.04
BOT100NL	No Lead Brass Insert Tee 1" w/ rubber bleeder orifice	6	37.42
Ejector Screen			
ES1	Brass Screen	1	7.05
ES1S	Stainless Steel Screen	1	10.19
Cable Ties			
CT150	Bag of 100 Nylon, 1" to 1 1/4" diameter pipe, 8" long	1	7.03 /100
CT300	Bag of 100 Nylon, 1 1/2" to 4" diameter pipe, 15" long	1	16.22 /100



Pump Installation Fittings - Cast Stainless Steel



SSMA

XLSSMA



SSC Series



SST



SSE Series



SSHE Series



SSHT Series



SSHB

Part Number	Size	Style	# Barbs	Ctn/CaseQty	List Price
Cast 304 Stainless Steel Male Insert Adapters (MIP x INS)					
SSMA1/2	1/2"	Hex	7	10/100	8.18
SSMA3/4	3/4"	Hex	7	10/200	12.21
SSMA3/4X1	3/4" X 1"	Hex	6	10/200	13.50
SSMA1	1"	Hex	7	10/100	16.79
SSMA11/4	1 1/4"	Hex	7	10/100	21.25
SSMA11/4X1	1 1/4" x 1"	Hex	7	10/100	18.39
SSMA11/2	1 1/2"	Hex	7	5/80	29.32
SSMA2	2"	Hex	7	5/40	43.93
Cast 304 Stainless Steel Heavy Pattern Extra Long Male Adapters (MIPxINS)					
XLSSMA1	1" x 1"	Hex	13	10/100	24.46
XLSSMA11/4X1	1 1/4" x 1"	Hex	13	5/50	25.89
XLSSMA11/4	1 1/4" x 1 1/4"	Hex	13	5/50	25.54
Cast 304 Stainless Steel Coupling (INS x INS)					
SSC1/2	1/2" x 1/2"	Hex	6	10/200	9.27
SSC3/4	3/4" x 3/4"	Hex	6	10/200	10.60
SSC1	1" x 1"	Hex	5	10/100	14.57
SSC11/4	1 1/4" x 1 1/4"	Hex	5	10/100	21.46
SSC11/2	1 1/2" x 1 1/2"	Hex	8	10/50	29.13
SSC2	2" x 2"	Hex	8	5/50	39.24
Cast 304 Stainless Steel Tee (INS x INS x INS)					
SST3/4	3/4" x 3/4"		5	5/50	17.14
SST1	1" x 1"		5	10/100	26.50
SST11/4	1 1/4" x 1 1/4"		5	10/100	37.50
Cast 304 Stainless Steel Elbow (INSxINS)					
SSE1	1" x 1"		5	10/100	26.79
SSE11/4	1 1/4" x 1 1/4"		7	5/50	35.54
Cast 304 Stainless Steel Hydrant Elbow (INSxMIP)					
SSHE3/4	3/4" x 3/4"		5	10/100	16.75
SSHE1X3/4	1" x 3/4"		5	10/100	19.29
SSHE1	1" x 1"		5	10/100	24.46
SSHE11/4	1 1/4" x 1 1/4"		6	10/50	34.01
Cast 304 Stainless Steel Hydrant Tee (INS x MIP)					
SSHT3/4	3/4" x 3/4"		4	10/100	20.00
SSHT1x3/4	1" x 3/4"		6	10/100	24.34
SSHT1	1" x 1"		4	10/100	28.50
Cast 304 Stainless Steel Hex Bushing (MIPxFIP)					
SSHB1X1/4	1" x 1/4"	Hex	-	10/200	8.62
SSHB1X1/2	1" x 1/2"	Hex	-	10/200	8.62
SSHB1X3/4	1" x 3/4"	Hex	-	10/200	8.62
SSHB11/4x1	1 1/4" x 1"	Hex	-	10/160	15.38



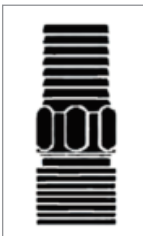
Pump Installation Fittings - Swaged Stainless Steel



☺ Limited Quantities Available



IMASS Series



SS12 Series



SS38 Series

Part Number	Size	Style	# Barbs	Ctn/Case Qty	List Price
Swaged 304 Stainless Steel Male Adapter (MIP x INS)					
IMASS50	1/2"	Round	6	25/200	\$ 7.11
IMASS75	3/4"	Round	6	25/150	7.11
IMASS100	1"	Round	7	20/120	11.54
IMASS125	1 1/4"	Round	7	20/80	13.54
IMASS125100	1 1/4 x 1"	Round	7	20/80	14.61
IMASS150	1 1/2"	Round	9	10/60	20.14
IMASS200	2"	Round	9	10/40	27.93
Swaged 316 Stainless Steel Male Insert Adapters (MIPxINS) Made in USA					
SS12-1/2	1/2"	Hex	6	25/300	\$ 8.40
SS12-3/4	3/4"	Hex	7	25/200	9.94
SS12-1	1"	Hex	7	20/160	11.92
SS12-11/4	1-1/4"	Hex	6	20/120	25.34
SS12-11/2	1-1/2"	Hex	6	10/60	30.88
SS12-2	2"	Hex	7	10/40	56.35 ☺
Swaged 316 Stainless Steel Male Reducing Adapter (MIP x INS) Made in USA					
SS38-11/4x1	1-1/4 x 1"	Round	7	25/100	23.83
Swaged 316 Stainless Steel Extra Long Male Adapter (MIP x INS) Made in USA					
XSS12-1	1"	Round	14	25	24.12
XSS12-11/4	1 1/4"	Round	14	25	31.98



ICSS Series



SS10 Series

Part Number	Size	Style	# Barbs	Ctn/Case Qty	List Price
Swaged 304 Stainless Steel Coupling (INS x INS)					
ICSS50	1/2"	Round	6	25/200	\$ 5.75
ICSS75	3/4"	Round	6	25/150	6.21
ICSS100	1"	Round	7	20/120	12.32
ICSS125	1 1/4"	Round	7	20/80	14.11
ICSS150	1 1/2"	Round	9	10/60	21.79
ICSS200	2"	Round	9	10/40	32.36
Swaged 316 Stainless Steel Coupling (INS x INS) Made in USA					
SS10-1	1"	Round	7	20	17.33
SS10-11/4	1 1/4"	Round	7	20	23.32
Swaged 316 Stainless Steel Extra Long Coupling (INS x INS) Made in USA					
XSS10-1	1"	Round	14	25	52.42



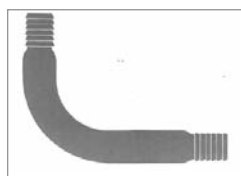


Pump Installation Well Seal Ells, Venturis

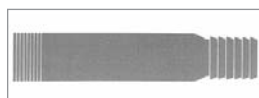
- Well Seal Ells and Venturis are third party certified to NSF/ANSI 372.



☺ Limited Quantities Available



S99, ISWSE, B99



S86, ISVMA, B86

Part Number	Size	Ctn/CaseQty	List Price
Zinc Plated Steel Well Seal Elbows (INS x INS)			
ISWSE100	1"	25	14.82
ISWSE125	1 1/4"	15	21.54
Zinc Plated Steel Well Seal Elbows (INS x INS) Made in USA			
S99-1	1"	10	25.01 ☺
S99-1 1/4	1 1/4"	10	33.76 ☺
Red Brass Well Seal Elbow (INS x INS) Made in USA			
B99-1	1"	5	84.08 ☺
B99-1 1/4	1-1/4"	5	158.39 ☺
Zinc Plated Steel Venturi Adapter (MIP x INS)			
ISVMA1X6	1" x 6"	60	6.25
ISVMA1X8	1" x 8"	50	6.43
ISVMA1X10	1" x 10"	40	9.74
ISVMA1 1/4X6	1-1/4" x 6"	50	7.46
ISVMA1 1/4X8	1-1/4" x 8"	40	8.36
ISVMA1 1/4X10	1-1/4" x 10"	30	12.52
Zinc Plated Steel Venturi Adapter (MIP x INS) Made in USA			
S86-3/4X6	3/4" x 6"	25	15.80 ☺
S86-3/4X10	3/4" x 10"	25	18.84 ☺
S86-3/4X12	3/4" x 12"	25	25.02
S86-1X6	1" x 6"	25	15.36
S86-1X8	1" x 8"	25	19.04
S86-1x10	1" x 10"	25	16.26 ☺
S86-1X12	1" x 12"	25	18.58 ☺
S86-1 1/4X6	1-1/4" x 6"	25	15.36 ☺
S86-1 1/4X8	1-1/4" x 8"	25	18.38 ☺
S86-1 1/4X10	1-1/4" x 10"	20	22.17 ☺
Red Brass Venturi Adapter (MIP x INS) Made in USA			
B86-1X6	1" x 6"	25/100	41.70
B86-1X8	1" x 8"	25/100	51.28 ☺
B86-1 1/4X6	1-1/4" x 6"	25/100	57.59 ☺
B86-1 1/4X8	1-1/4" x 8"	25/100	75.91 ☺





Installation Accessories - Electrical



HS Series



EC Series

Heat Shrink Splicing Kit Features:

- Excellent dielectric strength and can be shrunk over a large diameter connector and still effectively seals watertight down to a small diameter cable.
- Available in two, three and four wire kits. Designed to fit the new, smaller O.D. pump leads.
- No grease tape or epoxy is needed.
- Highly resistant to moisture, fungus and weathering.
- Supplied w/ EC1410 wire connectors for #14-#10 gauge wire. (EC6/8 for LHS Series.)
- Private labeling available for minimum orders of 200 kits.
- Bulk tubing available.
- **Third party certified to NSF/ANSI 372.**



Wire Connector Features:

- Provides quick, safe and sure electrical connection.
- Seamless.
- 13/16" in length.



Part Number	Tubes Fits Wire Size	# Tubes	# Butt Connectors (included in kit)	Ctn Qty	List Price
Black Heavy Wall Heat Shrink Kits					
HS2	#14, #12, #10	2	2	50	\$ 3.01
HS2-3	#14, #12, #10	2	3	50	3.42
HS3	#14, #12, #10	3	3	50	4.33
HS3-4	#14, #12, #10	3	4	50	4.57
HS4	#14, #12, #10	4	4	50	5.65
LHS3	#8, #6, #4, #2	3	3 (#8) 3 (#6)	20	11.70
LHS4	#8, #6, #4, #2	4	4 (#8) 4 (#6)	20	15.42
CHST	#14, #12, #10	BULK	0	500	0.99
Black Standard Wall Heat Shrink Kits					
HSSW2	#14, #12, #10	2	2	50	2.17
HSSW2-3	#14, #12, #10	2	3	50	2.31
HSSW3	#14, #12, #10	3	3	50	3.09
HSSW3-4	#14, #12, #10	3	4	50	3.24
HSSW4	#14, #12, #10	4	4	50	3.98
CHSSWT	#14, #12, #10	BULK	0	500	0.73
Clear Heavy Wall Heat Shrink Kits					
HSHWC2	#14, #12, #10	2	2	50	3.35
HSHWC2-3	#14, #12, #10	2	3	50	3.38
HSHWC3	#14, #12, #10	3	3	50	4.59
HSHWC3-4	#14, #12, #10	3	4	50	4.87
HSHWC4	#14, #12, #10	4	4	50	5.79
LHSHWC3	#8, #6, #4, #2	3	3 (#8) 3 (#6)	20	11.70
LHSHWC4	#8, #6, #4, #2	4	4 (#8) 4 (#6)	20	16.56
CHSHWCT	#14, #12, #10	BULK	0	500	0.89
Clear Standard Wall Heat Shrink Kits					
HSCL2	#14, #12, #10	2	2	50	2.43
HSCL2-3	#14, #12, #10	2	3	50	2.96
HSCL3	#14, #12, #10	3	3	50	3.68
HSCL3-4	#14, #12, #10	3	4	50	4.04
HSCL4	#14, #12, #10	4	4	50	5.00
CHSCLT	#14, #12, #10	BULK	0	500	0.77
Wire Connectors					
EC1410	For #14-10 gauge wire			100	28.18/100
EC8	For #8 gauge wire			250	0.67 each
EC6	For #6 gauge wire			250	1.06 each
EC4	For #4 gauge wire			100	1.70 each
EC2	For #2 gauge wire			100	2.27 each



Installation Accessories - Electrical



SK Series

Compression Splicing Kit Features:

- Molded from high impact resistant polycarbonate.
- No water absorption characteristics.
- Excellent dielectric properties.
- Available in two, three and four wire kits.
- Supplied with EC1410 wire connectors for #14-#10 gauge wire.
- **Third party certified to NSF/ANSI 372.**



LA1

LA1 Surge Arrestor Features:

- Protects motors and controls from voltage surge caused by lightning interference, switching loads and powerline interferences.
- 500 volt surge protection.
- Easy installation in pressure switch, motor control box or breaker box.
- Instructions included.



LA302R

LA302R Lightning Arrestor Features:

- Rated Voltage 125-250V, single phase.
- 3 wire residential service.
- 60,000 amps maximum current. 2000 joules per pole. Unlimited number of surges.
- Weatherproof enclosure.
- 2 1/4" high x 2 1/4" diameter.
- Bracket included.
- UL Listed



HPL

Pump Light Features:

- 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.

Part Number	Description	# Tubes	# Connectors	Ctn Qty	List Price
Compression Splice Kits					
SK2	#14, #12, #10	2	2	50	\$ 4.90
SK3	#14, #12, #10	3	3	50	7.23
SK4	#14, #12, #10	4	4	50	9.41
Lightning Arrestors					
LA1	120/240v. AC			112	23.92
LA302R	3 wire UL listed 125/250v			18	103.30
Pump Light					
HPL75	Pump Light			12	19.80



Liquid Level Controls

B/W Controls



Liquid Level Control

Liquid Level Control Features:

- Provides automatic low level cutoff protection for submersible pumps & deep well turbines.
- Liquid level submersible pump control system consists of a standard enclosed type induction relay which operates from two insulated electrodes suspended at desired levels.
- Permits efficient operation at full capacity and eliminates danger of pumping air or sand.
- Wiring diagrams and complete installation instruction are included with each control.

1500G SERIES INDUCTION RELAY:

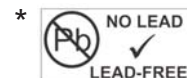
- Two way control system for pump up or pump down.
- Rated at 1 hp single phase, 115 or 230 volts A.C.
- For use in controlling hydropneumatic tanks and motorized valve installations.

1500C and 1500D SERIES INDUCTION RELAY:

- Rated at 1 h.p. single phase, 110 or 220 volts and furnished in a NEMA 1 metal enclosure.
- For control of a larger motor, it can also be supplied in a common enclosure with an auxiliary relay without overload protection or with a magnetic starter that has overload protection.
- 1500C Series for sewage & sump pump, low level cutoff for submersible pump application.
- 1500D Series for supply pumps on elevated tanks & towers, high level cutoff for pumps & valves.

6013 SERIES ELECTRODES:

- Made of brass or 303 stainless steel.
- 2" long.
- Assembled in molded plastic insulating shield 9/16" in diameter.
- Use in submersible pump installations by suspending to desired length w/ suspension wire.



Electrode

NEW Part Number	OLD Part Number	Description	Volts	Ctn Qty	List Price
1500G-L1-S7-N1X	DH110-220	Pump-up/Pump-down	110/220 volts	1	\$ 676.44
1500G-L1-S8-N1X	DH110-360	Pump-up/Pump-down	110/360 volts	1	676.44
1500G-L2-S7-N1X	DH220-220	Pump-up/Pump-down	220/220 volts	1	676.44
1500G-L2-S8-N1X	DH220-360	Pump-up/Pump-down	220/360 volts	1	676.44
1500G-L3-S8-N1X	DH440-360	Pump-up/Pump-down	440/360 volts	1	676.44
1500G-L4-S11-N1	DH550-600	Pump-up/Pump-down	550/600 volts	1	676.44
1500C-L1-S4-N1X	LH110-110	Pump-down	110/120 volts	1	600.41
1500C-L1-S7-N1X	LH110-220	Pump-down	110/220 volts	1	600.41
1500C-L1-S8-N1X	LH110-360	Pump-down	110/360 volts	1	600.41
1500C-L2-S7-N1X	LH220-220	Pump-down	220/220 volts	1	600.41
1500C-L2-S8-N1X	LH230-360	Pump-down	230/360 volts	1	600.41
1500C-L2-S9-N1X	LH220-480	Pump-down	220/480 volts	1	600.41
1500C-L3-S8-N1X	LH440-360	Pump-down	440/360 volts	1	600.41
1500D-L1-S7-N1X	RH110-220	Pump-up	110/220 volts	1	600.41
1500D-L1-S8-N1X	RH110-360	Pump-up	110/360 volts	1	600.41
1500D-L2-S7-N1X	RH220-220	Pump-up	220/220 volts	1	600.41
1500D-L2-S9-N1X	RH220-480	Pump-up	220/480 volts	1	600.41
1500D-L2-S8-N1X	RH230-360	Pump-up	230/360 volts	1	600.41
1500D-L3-S8-N1X	RH440-360	Pump-up	440/360 volts	1	600.41
Electrodes					
6013-W6	E1S	Stainless Steel *		1	89.78
6013-W5	E1SB	Brass		1	78.87



American Granby Inc.

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Fax (800) 729-3299
Fax (888) 562-2095

4/19/16

1.45

Liquid Level Controls



Induction Relay Coil Selection Data

Primary Coil:

The primary coil voltage should be chosen to match the line voltage of the control system. The 1500 Series Induction Relay can be supplied with any of the following line voltages.

Line Voltage	Frequency (Hertz)	Max Amps (Secondary Shorted)
110-120	50-60	.075
208-240	50-60	.038
440-480	50-60	.019

Secondary Coil:

Since B/W level control systems use liquid as an electrical conductor to complete the relay's secondary circuit - and since the resistance of liquid varies, it is necessary that each induction relay be equipped with a secondary coil that will operate over the resistance of the liquid it controls. The table below lists the operating characteristics of various coils available. All values are based on line voltage of 115, 230, 460 volts at 60 hertz.

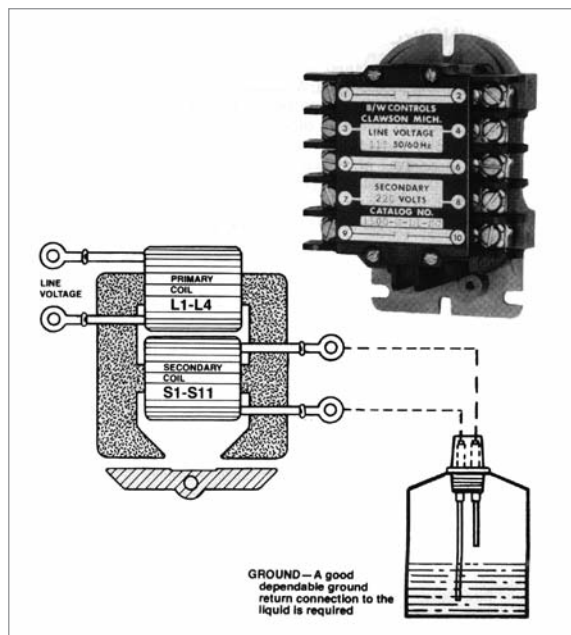
Typical Liquids:

The following recommendations are satisfactory for general use, but because the conductivity of liquids varies greatly with concentration, purity, temperature and other factors, some applications may require a different selection. A number of the products listed are produced as solids such as crystals or powders, and the relay selection is based on the normally used commercial solutions of these materials.

Liquid Description	Secondary Coil	Liquid Description	Secondary Coil	Liquid Description	Secondary Coil
Acetic Acid - up to 75%	90 volt	Carbolic Acid - up to 90%	220 volt	Nitric acid	40 or 90 volt
- 75 - 90%	220 volt	Catsup	90 volt	Orange juice	90 volt
Acids - General	40 or 90 volt	Caustic Soda (Sodium Hydroxide)	40 volt	Paper stock	220 volt
Alkalies - General	40 or 90 volt	Cement slurry	220 volt	Penicillin	220 volt
Alum Solutions	220 volt	Chromic acid	40 volt	Phosphoric acid	40 volt
Aluminum Sulphate	90 volt	Citric acid	40 or 90 volt	Plating solutions	40 or 90 volt
Aluminum Hydroxide	90 volt	Coffee	90 volt	Salts - chemical	40 or 90 volt
Amino Acids	90 volt	Condensate - ordinary water	480 volt	Sodium Carbonate (soda ash)	90 volt
Ammonium Chloride	40 volt	Corn syrup	480 volt	Sodium Chloride (table salt)	40 volt
Ammonium Hydroxide (Ammonia)	220 volt	Corn - cream style	90 volt	Sodium Hydroxide (caustic soda)	40 volt
Ammonium Sulphate	220 volt	Ferrous Sulphate	220 volt	Sodium Hypochlorate	40 volt
Baby foods	90 volt	Formic acid - up to 75%	90 volt	Sodium Silicate (water glass)	90 volt
Barium Chloride	40 volt	- 75 to 90%	220 volt	Soups	40 volt
Barium Nitrate	40 volt	Hydrofluoric acid - up to 20%	220 volt	Starch solutions	220 volt
Beer	90 volt	- above 20%	40 volt	Sugar - low concentrations	220 volt
Black liquor	40 volt	Hydrofluorsilicic acid	90 volt	- high concentrations	360 volt
Blood	220 volt	Jams & jellies	360 volt	Vinegar	90 volt
Borax - up to 10%	220 volt	Juices - fruit & vegetable	40 or 90 volt	Water - Sea	40 volt
- Greater than 10%	90 volt	Lithium Chloride	40 volt	- Ordinary potable	220 volt
Bread dough	90 volt	Magnesium Hydroxide	90 volt	- ordinary soft	360 volt
Buttermilk	24 or 40 volt	Mayonnaise	220 volt	- Ordinary condensate	480 volt
Cadmium Chloride	40 volt	Milk	40 volt	Zinc Chloride	40 volt
Cake batter	220 volt	Molasses	220 volt		
Calcium Chloride	40 volt	Muriatic acid	40 volt		
Calcium Hydroxide	220 volt	Mustard	40 volt		

NOTE: Maximum distance limitations for typical induction relay secondary circuits are: 220 secondary - 900 feet, 360 secondary - 350 ft, 480 secondary - 250 ft.

B/W Controls





Air/Gas Test Gauges



Gas Test Gauge Features:

- Quick, easy means of pressurizing & monitoring gas systems for leakage.
- Completely assembled - brass hex manifold, air valve with plastic cap and 2" dial face, steel case pressure gauge with plastic lens.
- Manifold also available separately: 3/4" fpt connection with 1/4" fpt gauge tap and 1/8" fpt air valve tap.
- Individually cartoned and available in 15, 30, 60 and 100 psi.



Part Number	Description	Gauge Increments	Ctn Qty	List Price
GTG15	Gas test gauge, 3/4" fpt, 0-15#	1/10 lb.	50	\$ 18.42
GTG30	Gas test gauge, 3/4" fpt, 0-30#	1/2 lb.	50	18.42
GTG60	Gas test gauge, 3/4" fpt, 0-60#	1/10 lb.	50	18.42
GTG100	Gas test gauge, 3/4" fpt, 0-100#	1 lb.	50	18.42
GTM3/4	Brass Gas test manifold only		100	9.60



Pressure Air Test Gauge Features:

- Quick, easy means of pressurizing and monitoring plumbing systems for leakage
- Attach to hose bibb.
- Includes brass hex manifold, air valve, 2" 200# gauge, garden hose thread fitting.

Part Number	Description	Ctn Qty	List Price
PATG200	Pressure Air Test Gauge	30	\$ 28.04

Geothermal Installation Accessories



GLLS8

GEOLOOP Leak Seal:

- Preventative maintenance for residential and commercial geothermal systems.
- A blended concentrated material designed to coat all surfaces it comes into contact with and reduce the formation of rust and corrosion.
- Field tested and proven effective in sealing system leaks (holes up to 1/8" in diameter.)
- Do not use if strainer is installed in system.
- Can plug or seal off strainers and gauges. Use with care.

Part Number	Description	Ctn Qty	List Price
GLLS8	GEOLOOP Leak Seal 8 oz. bottle	20	\$ 22.79

GEOLOOP Leak Seal Directions:

- Shake well before using.
- Use one 8 oz. bottle per 5 ton (up to 1200 gallons) system for minor leaks. A second bottle can be added for larger leaks.
- Premix with no less than 8-16 oz. of water.
- With circulating pump(s) running in continuous mode or using flushcart, pour or insert mixture into loop and circulate for several hours at low pressure. After introduced to the system, build pressure to 60 psi or higher (not to exceed 160 psi). Circulate for 24 hours. Return system to normal operating pressure thereafter. Check system in one week for pressure drop. Treatment can be repeated if needed.



RBGSE Series

Cast Bronze Ground Source Elbow Features:

- Elbow with 1/4" tapping used to check pressures and temperatures at the geothermal unit.

Part Number	Size	Ctn/Case Qty	List Price
Cast Bronze Ground Source Elbows (INS x MIP w/ 1/4" tap)			
RBGSE3/4	3/4" x 3/4"	10/100	\$ 12.45
RBGSE1X3/4	1" x 3/4"	10/100	13.57
RBGSE1	1" x 1"	10/80	16.68
RBGSE11/4	1 1/4" x 1 1/4"	5/50	26.17



HFBV6-I Series

ISO 9001

Forged Brass FULL Port Ball Valve with Hose Barbs Features:

- Heavy pattern, full port, forged brass construction.
- PTFE seats, chrome plated brass ball.
- PTFE stem packing with adjustable gland follower.
- Blow-out proof stem design.
- **600 psi W.O.G. non-shock; 150 psi S.W.P.**
- Insert hose barb ends for use with polyethylene pipe connections.
- Imported. Manufactured for American Granby in an ISO 9001 facility.



MATERIAL SPECIFICATIONS	
Handle nut	Zinc Coated Steel
Handle	Zinc Coated Steel
Gland Follower	Forged Brass
Stem Packing	PTFE
Ball	Chrome Plated Brass
Seats	PTFE
Body	Forged Brass
End Adapter	Forged Brass

Part Number	Size	Ctn/Case Qty	List Price
HFBV6-50I	1/2"	50/100	\$ 11.13
HFBV6-75I	3/4"	30/60	17.33
HFBV6-100I	1"	20/40	32.39
HFBV6-125I	1-1/4"	12/24	54.47



Drive Shoes



Drive Shoes

Drive Shoe Features:

- Alloy grade seamless stock.
- Special process to strengthen the material before heat treating.
- All drive shoes are heat treated.
- All drive tips are flame hardened for superior driving strength.
- All drive shoes are tested for dimensional accuracy and tip hardness.
- Baked on phosphate coating to protect from corrosion.
- Cable and Rotary style.
- Weld-on and threaded.
- Third party certified NO LEAD to NSF/ANSI 372.



7000 Series



7055 Series



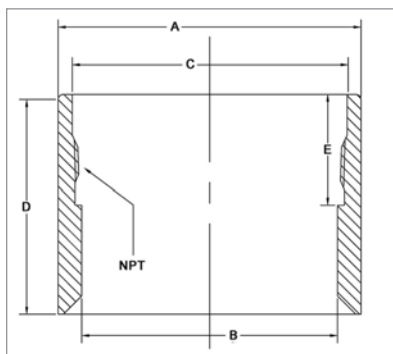
7005 Series



7007 Series

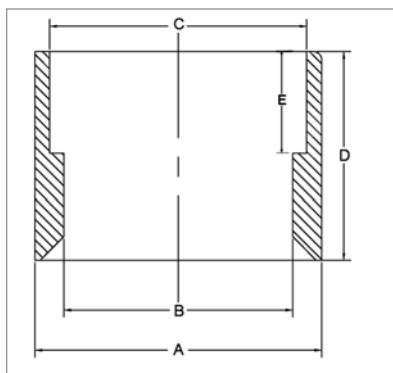


Part Number	Nominal Pipe Size	Description	Ctn Qty	List Price
Threaded Cable Tool Style				
7000A	2"	Open Pattern	50	\$ 27.86
7000D	2"	Closed Pattern, extended threads (P&R)	28	27.86
7000E	3"	Open Pattern	12	84.00
7000GL	4"	Open Pattern	9	42.76
7000J	5"	Open Pattern	5	76.71
7000K	6"	Open Pattern (6.125" ID)	4	107.14
7000N	6"	Short Pattern (6.125" ID)	4	88.71
7000KLD	6"	Open Pattern (6.25" ID)	4	107.14
7059X	8"	Open Pattern	1	248.57
Weld-On Cable Tool Style				
7055E	3"	Open Pattern	12	84.00
7055GL	4"	Open Pattern	9	42.76
7055J	5"	Open Pattern	5	76.71
7055K	6"	Open Pattern (6.125" ID)	4	107.14
7055R	6"	Short Pattern (6.125" ID)	4	88.71
7055M	8"	Open Pattern	1	248.57
7055KLD	6"	Open Pattern (6.25" ID)	4	107.14
7055N	10"	Open Pattern	1	762.86
Threaded Rotary Style				
7005A	4"	Open Pattern	9	42.76
7005B	5"	Open Pattern	4	76.71
7005C	6"	Open Pattern (6.125" ID)	4	107.14
7005H	6"	Short Pattern (6.125" ID)	4	88.71
7005CLD	6"	Open Pattern (6.25" ID)	4	107.14
Weld-on Rotary Style				
7007A	4"	Open Pattern	9	42.76
7007C	6"	Open Pattern (6.125" ID)	4	107.14
7007CLD	6"	Open Pattern (6.25" ID)	4	107.14



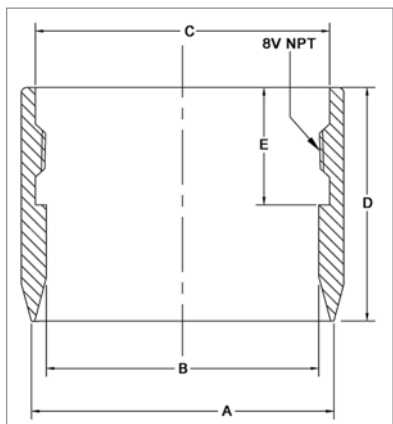
Threaded Cable Tool Style

PART NO.	Nominal Pipe Size	Thread	A	B	C	D	E
7000A	2"	11 1/2V	2.88	2.06	2.45	2.88	1.86
7000D	2"	11 1/2V	2.88	1.84	2.45	2.88	1.86
7000E	3"	8V	4.00	3.10	3.50	3.50	1.75
7000GL	4"	8V	5.00	4.125	4.575	4.00	2.43
7000J	5"	8V	6.00	5.125	5.59	4.50	2.62
7000K	6"	8V	7.39	6.125	6.50	5.40	2.70
7000N	6"	8V	7.39	6.125	6.69	4.00	2.70
7000KLD	6"	8V	7.39	6.25	6.69	5.40	2.70
7059X	8"	8V	9.55	8.13	8.73	7.50	3.60



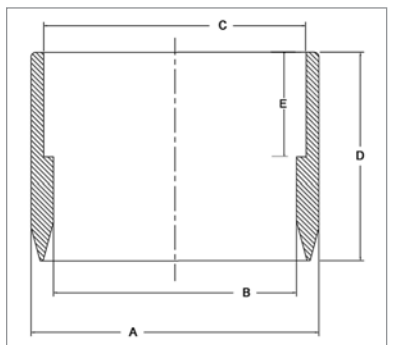
Weld On Cable Tool Style

PART NO.	Nominal Pipe Size	A	B	C	D	E
7055E	3"	4	3.1	3.54	3.5	1.75
7055GL	4"	5	4.125	4.575	4.00	2.00
7055J	5"	6	5.125	5.59	4.50	2.03
7055K	6"	7.39	6.125	5.38	5.40	2.70
7055R	6"	7.39	6.125	6.69	4.00	2.12
7055KLD	6"	7.39	6.25	6.69	5.40	2.70
7055N	10"	11.75	10.25	10.875	8.00	3.60



Threaded Rotary Style

PART NO.	Nominal Pipe Size	Thread	A	B	C	D	E
7005A	4"	8V	5	4.125	4.56	4.00	2.43
7005B	5"	8V	6	5.125	5.59	4.50	2.62
7005C	6"	8V	7.39	6.125	6.69	4.00	2.70
7005H	6"	8V	6.68	6.125	6.69	4.12	2.70
7005CLD	6"	8V	7.39	6.25	6.69	4.50	2.70



Weld-On Rotary Style

PART NO.	Nominal Pipe Size	A	B	C	D	E
7007A	4"	5	4.125	4.575	4.00	2.13
7007C	6"	7.39	6.125	6.69	5.40	2.70
7007CLD	6"	7.39	6.25	6.69	5.40	2.70



Pitcher Pump



HPP10

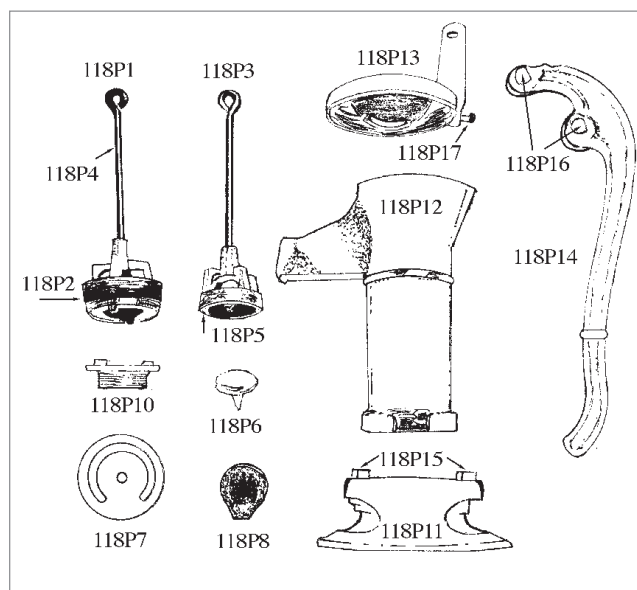
HARVARD® Pitcher Pump Features:

- Recommended for shallow pump applications – depth rating up to 20'.
- Easily installed.
- Made of heavy cast iron.
- Dark green hard enamel rugged powder coated paint finish.
- Open spout.
- 15-3/4" high.
- Tapped for 1-1/4" drop pipe.
- 15 lbs.
- Pumps are individually packaged 4 per master carton.
- Parts are carton qty 1.
- Third party certified NO LEAD to NSF/ANSI 372.



Part Number	Description	Master Ctn Qty	List Price
HPP10	Pitcher Pump, Cast Iron, Size #2	4	\$ 118.75

PITCHER PUMP REPLACEMENT PARTS



Part Number	Description	List Price
118P1	Complete Plunger Assembly (includes *)	36.98
118P2 *	Cup Leather for Plunger only	15.92
118P3	Plunger Rod and Cage (no cup leather)	14.26
118P4 *	Plunger Rod	7.34
118P5 *	Plunger Cage	11.50
118P6 *	Plunger Weight	5.03
118P7	Flat Leather for Base Valve	11.49
118P8	Weight and Screw for Flat Valve	6.90
118P9	Flat Valve Leather and Weight	15.99
118P10 *	Threaded Nut for Plunger Cage	10.60
118P11	Pump Base with Bolts (118P15)	34.10
118P12	Pump Cylinder	38.79
118P13	Pump Top with Set Screw (118P17)	17.48
118P14	Pump Handle with Two Bolts (118P16)	29.34
118P15	3/8 x 1-1/4 Bolts for Pump Base (set of 2)	3.83
118P16	3/8 x 2 bolts for Pump Handle	4.46
118P17	Set Screw for Pump Top	3.81





No Lead Check Valves - Clayton Mark

- FOR USE IN WATER WELL SYSTEMS
- Third party certified to NSF/ANSI 372.



6300-4 No Lead Brass Four Hole Control Center

- 1/8"-27NPS tapping on inlet side for snifter valve.
- 1/4"-18NPS tapping on outlet side for pressure gauge.
- 1/4"-18NPS tapping on outlet side for pressure switch.
- 1/8" tapping on outlet side for drain(1/8" brass plug furnished).

Part Number	Size	Ctn Qty	List Price
63004-1	1"	35	\$ 54.81
63004-11/4	1-1/4"	30	78.72



6302 No Lead Brass Submersible Check Valves

- Fits directly on pump discharge.

Part Number	Size (mpt x fpt)	Ctn Qty	List Price
6302-11/4x1	1-1/4" x 1"	30	\$ 41.14
6302-11/4x11/4	1-1/4" x 1-1/4"	30	56.59
6302-2x2	2" x 2"	12	154.68
6302-3x3	3" x 3"	1	608.54
6302-4x4	4" x 4"	1	992.31



479 No Lead Brass BREMER CHECK VALVES

- Non corrosive no lead brass with tapered seat and poppet with Perma-Kleen facing for positive seal.
- Uses a tapered rubber packer to seal in the well bore.

Part Number	Size	Ctn Qty	List Price
8669A	2"	12	\$ 61.91
8034C	2" Rubber Check Packer		11.17

No Lead Foot Valves - Clayton Mark



- FOR USE IN WATER WELL SYSTEMS
- Third party certified to NSF/ANSI 372.



6340 SERIES No Lead Brass Foot Valves

- 400 PSI rating. (W.O.G.)
- Tapered ABS strainer.
- Corrosion resistant, stainless steel core with exclusive cup shape.
- For cold water applications only.
- Jam proof delrin stem guide.

Part Number	Size	Enters Casing	Ctn Qty	List Price
6340-3/4	3/4"	1-1/2"	48	\$ 33.42
6340-1	1"	2"	35	37.15
6340-11/4	1-1/4"	2"	30	44.80
6340-11/2	1-1/2"	3"	20	72.34
6340-2	2"	3-1/2"	12	114.77



5340 SERIES No Lead Brass Foot Valves

- No. 8 perforated stainless steel screen strainer.
- 400 PSI rating.
- Corrosion resistant, stainless steel core with exclusive cup shape.
- For cold water applications only.

Part Number	Size	Enters Casing	Ctn Qty	List Price
5340-3/4	3/4"	1 1/4"	48	\$ 36.78
5340-1	1"	1 1/2"	35	40.89
5340-11/4	1 1/4"	2"	24	49.40
5340-11/2	1 1/2"	2 1/2"	20	90.38
5340-2	2"	3 1/2"	12	128.23



5330 Series No Lead Brass Foot Valves

- No 8 perforated stainless steel strainer.
- Heavy hex end.

NO LEAD Part Number	Leaded Part Number	Size	Enters Casing	Ctn Qty	NO LEAD List Price	Leaded List Price
5330-21/2		2-1/2"	5"	1	\$ 423.57	
5330-3	L5330-3 *	3"	6"	1	604.21	520.05
5330-4		4"	6"	1	952.79	

* Valve is leaded bronze. Do not use for potable water.



Plumbing Valves - NO LEAD Brass, Stainless Steel

BOILER DRAINS • HOSE BIBBS

- 125 PSI WOG (working pressure - non-shock),
200 PSI WOG (1/4 turn ball valve hose bibbs)
- All valves shown are UPC rated.
- Imported



Unless otherwise noted valves are third party certified to NSF/ANSI 372.



HNKDNL Series



HBDNL Series



HBD-SBNL Series



IBD-SBNL Series



IBDBVNL Series



HHBNL Series



HHBNHTNL Series



IHBB NL Series



IHBBNHTNL Series



IHBBSS Series



IHBBSSNHT Series

© Has combination 1/2" mip and 1/2" solder connection

Part Number	Size	Description	Ctn/Case	Qty	List Price
NO LEAD Brass No-Kink Boiler Drains					
HNKD50NL ☺	1/2"	mip x ght	12/144		\$ 9.55
HNKD75NL	3/4"	mip x ght	12/144		10.62
NO LEAD Brass Boiler Drains					
HBD50NL ☺	1/2"	mip x ght	12/144		10.14
HBD75NL	3/4"	mip x ght	12/144		10.91
HBD50SBNL ☺	1/2"	w/ stuffing box mip x ght	12/144		12.16
HBD75SBNL	3/4"	w/ stuffing box mip x ght	12/144		12.64
NO LEAD Brass Full Flow Boiler Drains					
IBD50SBNL ☺	1/2"	w/ stuffing box mip x ght	12/144		13.61
IBD75SBNL	3/4"	w/ stuffing box mip x ght	12/144		13.66
NO LEAD 1/4 turn Ball Valve Brass Boiler Drain w/ Butterfly Handle					
IBDBV50NL ☺	1/2"	mip x ght	12/144		13.13
IBDBV75NL	3/4"	mip x ght	12/144		14.14
NO LEAD Brass Hose Bibbs					
HHB50NL ☺	1/2"	mip x ght	12/144		10.71
HHB75NL	3/4"	mip x ght	12/144		11.68
NO LEAD Brass Hose Bibbs No Garden Hose Thread, Sampling Valve					
HHB50NHTNL ☺	1/2"	mip x spout	12/144		10.80
HHB75NHTNL	3/4"	mip x spout	12/144		12.06
NO LEAD Brass 1/4 turn Ball Valve Hose Bibb w/ T Handle 200 psi WOG non-shock					
IHBB50NL ☺	1/2"	1/4 turn NL mip x ght	12/144		13.18
IHBB75NL	3/4"	1/4 turn NL mip x ght	12/144		15.82
NO LEAD Brass 1/4 turn Ball Valve Brass Hose Bibbs w/ T Handle - 200 psi WOG non-shock - No garden hose thread - Sampling valve					
IHBB50NHTNL ☺	1/2"	1/4 turn NL mip x spout	12/144		14.23
IHBB75NHTNL	3/4"	1/4 turn NL mip x spout	12/144		16.79
304 STAINLESS STEEL 1/4 turn Ball Valve Hose Bibbs w/ T Handle - 200 psi WOG non-shock (with stainless steel T handle)					
IHBB50SS	1/2"	STAINLESS mip x ght	12/144		21.07
IHBB75SS	3/4"	STAINLESS mip x ght	12/144		21.61
304 STAINLESS STEEL 1/4 turn Ball Valve Hose Bibbs w/ T Handle - 200 psi WOG non-shock - No garden hose thread - Sampling valve					
IHBB50SSNHT	1/2"	STAINLESS mip x spout	12/144		21.07
IHBB75SSNHT	3/4"	STAINLESS mip x spout	12/144		21.61



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Plumbing Valves - NO LEAD Brass



BENT NOSE GARDEN • ANGLE SILL COCKS

- 125 PSI WOG (working pressure - non-shock)
- Imported



HBNGNL Series



HSCNL Series

Part Number	Size	Description	Ctn/Case Qty	List Price
NO LEAD Brass Full Flow Bent Nose Garden Valves (CA AB1953 certified)				
HBNG50NL	1/2"	fip x ght	12/72	\$ 18.29
HBNG75NL	3/4"	fip x ght	12/72	18.75
HBNG100NL	1"	fip x ght	12/72	19.79
NO LEAD Brass Angle Sill Cocks (CA AB1953 certified)				
HSC50TNL	1/2"	fip x ght	12/144	12.06
HSC75TNL	3/4"	fip x ght	12/144	12.79



HVB75NL



HVBAD75NL

No Lead Brass Vacuum Breaker Features:

- HVBAD has automatic back drain and can be manually drained.
- ASSE 1011
- Third party certified to NSF/ANSI 372.



Part Number	Description	Ctn/Case Qty	List Price
NO LEAD Vacuum Breaker			
HVB75NL	3/4" NL Brass fipt x ght	10/100	\$ 10.50
HVBAD75NL	3/4"NL Brass w/ auto back drain fipt x ght	10/100	17.32





Plumbing Valves - Celcon, CPVC



ISO 9001



AGHBF Series



AGSFT Series



AGBDM Series



AGBDF Series



AGSCC Series

Celcon (Acetal) Hose Bibb & Boiler Drain

Features:

- Celcon (acetal) construction for use in hot or cold fluid systems up to 180° F.
- Use with water and approved chemicals.
- Bronze color body with red T-handle or wheel handle.
- EPDM stem seal O-Ring for excellent chemical resistance and long life.
- Complies with applicable ASTM and ANSI standards.
- Manufactured for AGI in an ISO9001 facility.
- Made in USA.

Celcon (Acetal) Stop & Waste and Stop Valve Features:

- Stop & Waste allows draining of the non-pressure side of valve via an 1/8" port (polypropylene plug included).
- Complies with applicable ASTM and ANSI standards.
- Manufactured for AGI in an ISO9001 facility.
- Made in USA.

CPVC Stop Valve Features:

- High impact CPVC construction for use in hot or cold fluid systems up to 180° F.
- Use with water and approved chemicals.
- Beige color body with red wheel handle.
- EPDM stem seal O-Ring for excellent chemical resistance and long life.
- Complies with applicable ASTM and ANSI standards.
- Made with **Flow Guard Gold** material.
- Manufactured for AGI in an ISO 9001 facility.
- Made in USA.



Part Number	Description	Size	Inlet x Outlet	Ctn Qty	List Price
AGHBM50T	Celcon 45° Hose Bibb	1/2"	mipt x mht	36	\$ 8.37
AGHBM75T	Celcon 45° Hose Bibb	3/4"	mipt x mht	36	9.89
AGHBF50T	Celcon 45° Hose Bibb	1/2"	fipt x mht	36	9.69
AGHBF75T	Celcon 45° Hose Bibb	3/4"	fipt x mht	36	10.27
AGSFT50T	Celcon Sink Faucet w/ hose end	1/2"	mipt x mht	36	8.69
AGSFT75T	Celcon Sink Faucet w/ hose end	3/4"	mipt x mht	36	9.26
AGBDM50T	Celcon Boiler Drain	1/2"	mipt x mht	36	9.07
AGBDM75T	Celcon Boiler Drain	3/4"	mipt x mht	36	9.08
AGBDF50T	Celcon Boiler Drain	1/2"	fipt x mht	36	9.07
AGBDF75T	Celcon Boiler Drain	3/4"	fipt x mht	36	9.58
AGSCC50S	CPVC Stop Valve	1/2"	slip cts x slip cts	36	5.83 ↓
AGSCC75S	CPVC Stop Valve	3/4"	slip cts x slip cts	36	6.11 ↓





Ball Valves - PVC Single Union



PV1450 Series



PV1452, PV1453 Series

ISO 9002

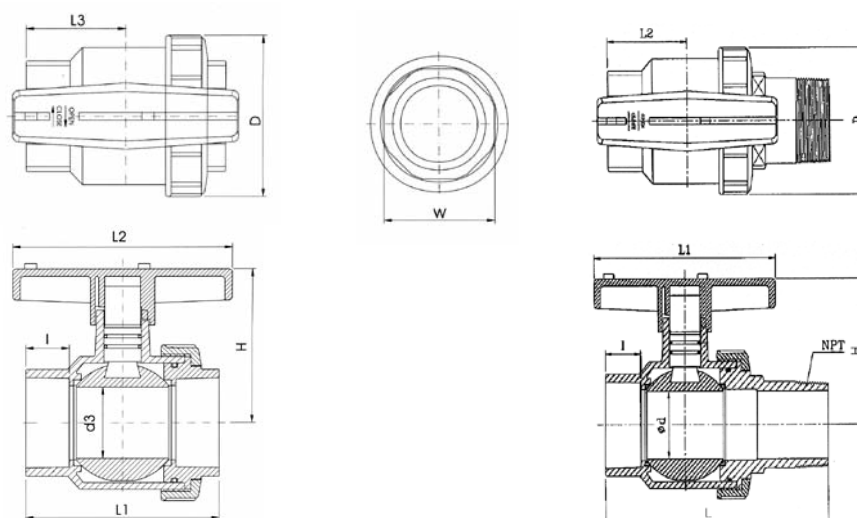


MATERIAL SPECIFICATIONS

Body	PVC
End Adapter	PVC
Union Nut	PVC
Ball	PVC
Stem	PVC
Handle	ABS
Union o-rings	EPDM
Seat Seals	PTFE
Stem o-rings	EPDM

PVC Single Union Ball Valve Features:

- PVC Type 1 construction for compatibility in joining rigid PVC and flex vinyl pipes.
- **PTFE seats.**
- **Double EPDM o-ring seal on stem: single EPDM o-ring seal on union end.**
- Fully round ball prevents foreign matter from scoring seats.
- Tee handle for quarter turn on/off with stops.
- Working pressure: 150 PSI at 72°F, 100 PSI at 120°F.
- Threaded or socket.
- Manufactured for AGI in an ISO 9002 facility.
- Imported



PV1450 Series DIMENSIONS (IN.)

SIZE	d3	D	L1	L2	L3	H	W	I
1 1/2"	1.50	3.42	4.49	4.72	2.21	3.32	2.34	1.09
2"	1.88	4.10	5.07	5.74	2.53	4.07	2.73	1.15

PV1452 Series DIMENSIONS (IN.)

SIZE	d	D	L	L1	L2	H	W	I
1 1/2"	1.50	3.42	6.55	4.72	2.21	3.32	2.34	1.09
2"	1.87	4.10	7.02	5.73	2.52	4.07	2.73	1.15

Part Number	Threaded/Slip	Size	Ctn Qty	List Price
PV1450-11/2	Slip	1-1/2"	48	\$ 21.68
PV1450-2	Slip	2"	24	28.70
PV1451-11/2	Threaded	1-1/2"	48	21.68
PV1451-2	Threaded	2"	24	28.70
PV1452-11/2	Slip x Extended MIP	1 1/2"	24	21.48
PV1452-2	Slip x Extended MIP	2"	24	29.52
PV1453-11/2	FPT x Extended MIP	1 1/2"	24	21.48
PV1453-2	FPT x Extended MIP	2"	12	29.52

Ball Valves - PVC Single Union



1350 Series



PVC Single Union Ball Valve Features:

- PVC Type 1 construction for compatibility in joining rigid PVC and flex vinyl pipes.
- **Buna "N" O-Ring seal; HDPE seats.**
- 1-1/4 deep sockets on both ends for extra cementing surface area.
- Acme thread on assembly nut prevents cross threading.
- Tee handle for quarter turn on/off with stops.
- Working pressure: 150 PSI at 72°F, 100 PSI at 120°F.
- Threaded or socket.
- Made in USA.

Part Number	Threaded/Socket	Size	Ctn Qty	List Price
1350-15	Socket	1-1/2"	12	\$ 36.85
1350-20	Socket	2"	6	59.47
1351-15	Threaded	1-1/2"	12	41.69



Economy Filter Housings & Kits



EH Series

EH Series Economy Housing Features:

- Manufactured from NSF listed, FDA grade 100% polypropylene.
- Available in slim, standard and large diameter styles, 10" and 20" lengths.
- Opaque and clear sumps with EPDM o-ring seals.
- 3/8" - 1 1/2" inlet/outlets. VIH clear has stainless steel 3/4" FPT inserts.
- All housings have a pressure relief button.
- Rated for temperature to 125° F and pressures to 125 psi.
- Filter housings are bulk packed. Cartridges available separately.



DO NOT over tighten fittings used to install filter housing. Over tightening will result in cracking the housing threads and will void all limited warranties. Only PTFE thread seal tape OR non-PTFE based thread seal paste approved for plastic threads should be used to seal filter housing threads - NOT BOTH.

Part No.	Style	Sump	Head	Inlet/Outlet	Length	Ctn Qty	List Price
SLIM STYLE Housings with pressure relief for 2 1/2" OD cartridges							
EH38BSLBP	Slim	Blue	Black	3/8"	10"	12	\$ 26.72
EH38CSLWP	Slim	Clear	White	3/8"	10"	12	35.52
EH50BSLBP	Slim	Blue	Black	1/2"	10"	12	24.96
EH50CSLWP	Slim	Clear	White	1/2"	10"	12	36.13
EH75BSLBP	Slim	Blue	Black	3/4"	10"	12	27.50
EH75CSLWP	Slim	Clear	White	3/4"	10"	12	36.00
EH75CSLWPSS	Slim	Clear	White	3/4" w SS inserts	10"	12	71.52
Valve-in-Head SLIM STYLE Housings for 2 1/2" OD cartridges (allows by-pass during cartridge replacement)							
EH75VCP	Slim VIH	Clear	White	3/4" SS FPT	10"	12	86.07
STANDARD STYLE Housings with pressure relief for 2 1/2" OD cartridges							
EH75BP	Standard	Blue	Black	3/4"	10"	12	50.54
EH75CP	Standard	Clear	Black	3/4"	10"	12	57.87
EH75B20P	Standard	Blue	Black	3/4"	20"	12	83.98
EH75C20P	Standard	Clear	Black	3/4"	20"	12	126.59
LARGE DIAMETER STYLE Housings with pressure relief for 4 1/2" O.D. cartridges							
EHL75BP	Lg. Diam	Blue	Black	3/4"	10"	4	94.78
EHL10BP	Lg. Diam	Blue	Black	1"	10"	4	95.93
EHL10CP	Lg. Diam	Clear	Black	1"	10"	4	172.81
EHL15BP	Lg. Diam	Blue	Black	1 1/2"	10"	4	96.08
EHL75B20P	Lg. Diam	Blue	Black	3/4"	20"	4	137.60
EHL10B20P	Lg. Diam	Blue	Black	1"	20"	4	140.26
EHL15B20P	Lg. Diam	Blue	Black	1 1/2"	20"	4	139.55



EFHP Series

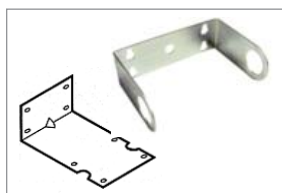


Filter Housing Kit Features:

- Slim, VIH, Standard and Large diameter styles.
- Complete with mounting bracket (with stainless steel screws) and sump removal wrench.
- Individually cartoned with label.
- Custom kits available. Call Customer Service for quotations.

Part Number	Style	Sump	Inlet/Outlet	Length	Bracket	Case Qty	List Price
EFHP75BSLBP	Slim	Blue	3/4"	10"	YES	6	\$ 40.53
EFHP75CSLWP	Slim	Clear	3/4"	10"	YES	6	50.65
EFHP75CSLWPSS	Slim	Clear	3/4" SS	10"	YES	6	79.80
EFHP75VCP	Slim VIH	Clear	3/4" SS	10"	YES	6	102.80
EFHP75BP	Standard	Blue	3/4"	10"	YES	4	65.78
EFHP75CP	Standard	Clear	3/4"	10"	YES	4	72.54
EFHPLD75BP	Large Dia	Blue	3/4"	10"	YES	1	152.03
EFHPLD10BP	Large Dia	Blue	1"	10"	YES	1	143.42
EFHPLD15BP	Large Dia	Blue	1 1/2"	10"	YES	1	143.42

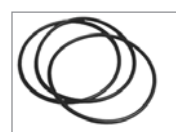
Economy Filter Accessories



ES-BA Series



EW Series



EOR Series

Part Number	Fits Style	Material	Color	Ctn Qty	List Price
Mounting Brackets for EH Series Filter Housings					
Includes stainless steel head and wall mounting screws					
ES10BA	EH Slim (L)	Aluminum	White		\$ 6.75
ES15BA	EH Valve in Head (U)	Aluminum	--		11.30
ES20BA	EH Standard (L)	Aluminum	White		13.68
ES25BA	EH Large Diam. (L)	Aluminum	---		61.02
Wrenches for EH Series Filter Housing sump removal					
EWSL	Slim	Polypropylene	White		4.01
EWSTND	Standard	Polypropylene	White		3.86
EWLD	Large Diam.	Polypropylene	Black		9.64
O-rings for EH Series Filter Housings					
EOR4	Slim	EPDM			2.19
EOR-VIH	Slim VIH	EPDM			2.18
EOR8	Standard	EPDM			3.30
EOR5	Large Diam.	EPDM			4.37



EFRVM75



RV & Marine Water Filter Features:

- Long life exterior inline water filter effectively reduces chlorine, tastes and odors, sediment, volatile organic chemicals and inhibits bacterial growth.
- Working pressure: 20-125 psi
- Maximum flow rate: 2.5 gpm.
- Temperature range: 40-100 °F
- Ideal for RV, boats and camping.
- Uses KDF/GAC media to control microorganisms while reducing lime and scale buildup.
- Includes connector hose (3/4" MGHT x 3/4" FGHT).

Part Number	Description	Ctn Qty	List Price
EFRVM75	RV/Marine Inline Water Filter Kit (hose & cart in box)	1	\$ 49.88
FP12NK	Connector Hose	1	22.32
FP12GE	Inline GAC Cartridge	1	26.73



EIC100



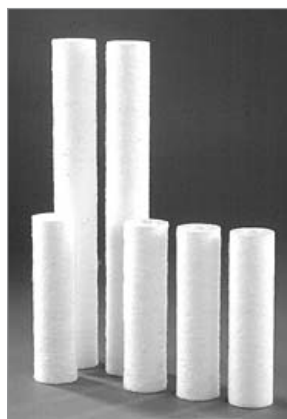
Inline Ice Maker Carbon Filter Features:

- NSF listed.
- Granular activated carbon medium.
- Removes chlorine, taste and odor from water
- Ideal for refrigerator ice makers, water dispensers and coffee makers.
- Furnished with or without 1/4" fittings.

Part Number	OD	Length	Fits Pipes	Pipe Ftgs	Ctn Qty	List Price
EIC100	2"	10"	1/4" FPT	NO	25	\$ 14.26
EIC100JG	2"	10"	1/4" plastic or copper tubing	1/4" John Guest	25	19.74



Economy Filter Cartridges



EFP Series



ANSI / NSF
STANDARD 42
COMPONENT
CERTIFIED



EFP Series Melt Blown Polypropylene Filter Cartridge Features:

- Melt blown polypropylene for purity and chemical compatibility.
- Ideal for aggressive chemicals and general sediment filtration when depth filtration is required.
- Max Flow rate 2-8 gpm based on micron.
- Contains no binders, agents, solvents, antistatic materials or wetting agents.
- Meets FDA requirements for food and beverage contact.
- No leachables or extractables to contaminate.
- No surface binders to reduce flow & increase change-out frequency.
- Rated for temperatures up to 140° F
- Shrink wrapped for purity.

Part Number	Micron	O.D.	Length	Ctn Qty	List Price
MELT BLOWN POLYPROPYLENE Filter cartridges for SLIM and STANDARD style housings					
EFP1	1	2 1/2"	9 7/8"	48	\$ 5.30
EFP5	5	2 1/2"	9 7/8"	48	4.32
EFP20	20	2 1/2"	9 7/8"	48	4.32
EFP50	50	2 1/2"	9 7/8"	48	4.32
EFP1-20	1	2 1/2"	20"	24	8.77
EFP5-20	5	2 1/2"	20"	24	9.53
EFP20-20	20	2 1/2"	20"	24	8.74
EFP50-20	50	2 1/2"	20"	24	9.53
MELT BLOWN POLYPROPYLENE Filter cartridges for LARGE DIAMETER style housings					
EFPBB1	1	4 1/2"	9 3/4"	24	32.72
EFPBB5	5	4 1/2"	9 3/4"	24	27.60
EFPBB20	20	4 1/2"	9 3/4"	24	27.60
EFPBB50	50	4 1/2"	9 3/4"	24	27.60
EFPBB1-20	1	4 1/2"	20"	12	72.08
EFPBB5-20	5	4 1/2"	20"	12	50.37
EFPBB20-20	20	4 1/2"	20"	12	53.95
EFPBB50-20	50	4 1/2"	20"	12	50.28



EFP_G Series

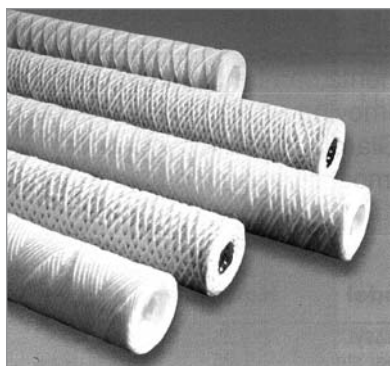
EFP-G Series Grooved Melt Blown Polypropylene Filter Cartridge Features:

- Grooved cartridges for increased surface area and greater dirt handling capacity.
- Melt blown polypropylene.
- Maximum temperatures 140° F
- Maximum pressure: 40 psid
- Recommended change out 30 psid.
- Maximum flow rate 2-8 gpm based on micron.
- Shrink wrapped for purity.
- Fits slim and standard style housings.



Part Number	Micron	OD	Length	Ctn Qty	List Price
EFP5G	5	2 1/2"	9 3/4"	48	\$ 6.02
EFP20G	20	2 1/2"	9 3/4"	48	6.02
EFP1G-20	1	2 1/2"	20"	24	18.03
EFP5G-20	5	2 1/2"	20"	24	12.15

Economy Filter Cartridges



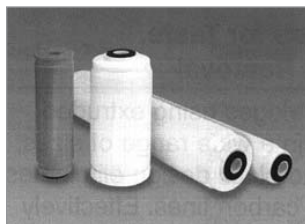
EFWP Series

EFW Series Wound Filter Cartridge Features:

- Excellent depth filtration.
- FDA grade polypropylene fibers.
- Polypropylene center tubes.
- For temperatures to 140 F.
- Individually wrapped.



Part Number	Medium	Type of Construct	Micron	O.D.	Length	Ctn Qty	List Price
WOUND POLYPROPYLENE Filter cartridges for SLIM and STANDARD style housings							
EFWP1	Polypropylene	Wound	1	2 1/2"	9 7/8"	30	\$ 9.34
EFWP5	Polypropylene	Wound	5	2 1/2"	9 7/8"	30	9.06
EFWP10	Polypropylene	Wound	10	2 1/2"	9 7/8"	30	9.58
EFWP20	Polypropylene	Wound	20	2 1/2"	9 7/8"	30	9.06
EFWP30	Polypropylene	Wound	30	2 1/2"	9 7/8"	30	9.41
EFWP50	Polypropylene	Wound	50	2 1/2"	9 7/8"	30	8.91
EFWP1-20	Polypropylene	Wound	1	2 1/2"	20"	15	18.80
EFWP5-20	Polypropylene	Wound	5	2 1/2"	20"	15	18.22
EFWP10-20	Polypropylene	Wound	10	2 1/2"	20"	15	19.13
EFWP20-20	Polypropylene	Wound	20	2 1/2"	20"	15	11.79
EFWP30-20	Polypropylene	Wound	30	2 1/2"	20"	15	18.80
EFWP50-20	Polypropylene	Wound	50	2 1/2"	20"	15	11.79
WOUND POLYPROPYLENE Filter cartridges for LARGE DIAMETER style housings							
EFWPBB1	Polypropylene	Wound	1	4 1/2"	9 3/4"	8	\$ 31.60
EFWPBB5	Polypropylene	Wound	5	4 1/2"	9 3/4"	8	30.94
EFWPBB20	Polypropylene	Wound	20	4 1/2"	9 3/4"	8	30.70
EFWPBB50	Polypropylene	Wound	50	4 1/2"	9 3/4"	8	29.98
EFWPBB1-20	Polypropylene	Wound	1	4 1/2"	20"	4	63.52
EFWPBB5-20	Polypropylene	Wound	5	4 1/2"	20"	4	61.23
EFWPBB20-20	Polypropylene	Wound	20	4 1/2"	20"	4	61.80
EFWPBB50-20	Polypropylene	Wound	50	4 1/2"	20"	4	59.73



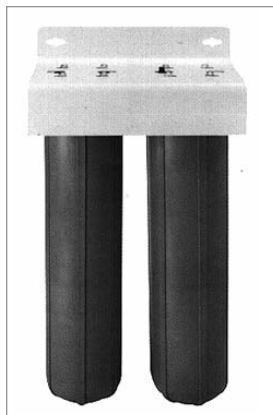
EFGAC Series

EFGAC Series Granulated Activated Carbon Filter Cartridge Features:

- For removal of taste, odor, organic chemicals and chlorine.
- 5 micron

Part Number	Fits Housing Style	O.D.	Length	Ctn Qty	List Price
EFGAC10	Slim, Standard	2 1/2"	9 3/4"	24	\$ 15.95
EFGAC20	Slim, Standard	2 1/2"	20"	24	35.99
EFGACBB	Large Diameter	4 1/2"	9 3/4"	8	48.49
EFGACBB20	Large Diameter	4 1/2"	20"	4	81.09





BBFS22

BBFS Filtration System Features:

- Large capacity, multi-housing system.
- Allows for greater cartridge capacity and high flow rates.
- Consists of (2) or (3) 20" big Blue Filter housings with 1" NPT I/O mounting bracket.
- Designed for residential, commercial and industrial applications.
- System does NOT include filter cartridges.

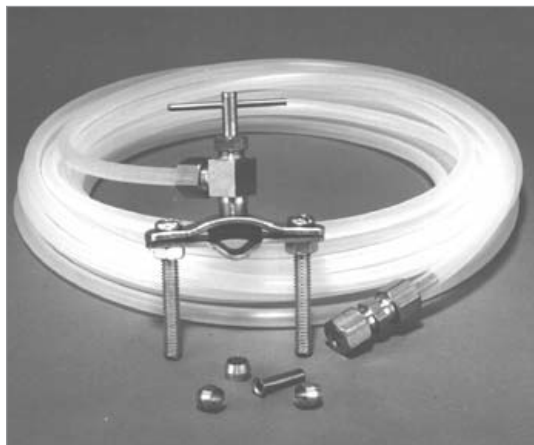


ISO 9001



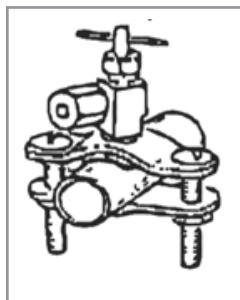
Part No.	Description	List Price
BBFS22	2 housing Big Blue System (15 1/4" x 8 1/2" x 26 1/2")	\$ 512.09
BBFS222	3 housing Big Blue System (23 1/4" x 8 1/2" x 26 1/2")	754.51

Saddle Tap Valve/Kit and Iron Out®



NO LEAD Brass Saddle Tap Valve & Kit Features:

- Self piercing tap valve and clamp for 3/8" to 1" OD copper tube or 3/8" to 3/4" iron pipe.
- Plastic sleeve, brass compression nut and brass or no lead brass insert (for reinforcing polyethylene tubing).
- Brass compression union for connecting polyethylene tubing to 1/4" water inlet at refrigerator, humidifier or cooler.
- 25 feet of 1/4" OD polyethylene tubing.
- The saddle tap valve eliminates plumbing connections and fittings.
- Supplies water to most humidifiers, evaporative coolers and refrigerators with automatic ice maker or water dispenser in door.
- Use for installation of Reverse Osmosis and Chemical Contaminant Filter Systems.
- For use on copper tube or iron pipe.



Part Number	Description	Ctn Qty	List Price
HTVK381NL	NO LEAD Brass Tapping Valve Kit fits 3/8" -1" OD copper tube or 3/8"-3/4" iron pipe	6	\$ 27.82
PFSTVNL	No Lead Brass Saddle Tapping Valve Only	10	8.78



Super Iron Out

Removes the toughest rust and iron stains quickly and easily from white clothes, laundry, toilets, sinks, tubs, dishwashers, exterior surfaces and much more. Also keeps water softeners clean and operating at peak efficiency.



Part Number	Description	Ctn Qty	List Price
IOUT30	Iron Out, 28 oz.	6	\$ 15.55
IOUT5	Iron Out, 76 oz.	6	39.77



Ultraviolet Disinfection Systems

Ultraviolet disinfection is an effective way to provide bacteria free water for home or industry.



UVSL Series

- Completely automatic.
- Compact and easy to install.
- No chemicals required.
- Low operating costs.
- Low maintenance.
- No taste or odor.

SAFE LITE Economy Series UV Disinfection System Features:

- Quick installation.
- Economical.
- 304 stainless steel chamber. Electropolished.
- Sight port to safely view operation.
- 8 gallon complete with flow control.



UV, UVGDS &
UV-W Series

Standard Series UV Disinfection System Features:

UV Series:

- Constructed for wall mounting.
- 304 stainless steel chamber. Electropolished.
- Sight port to safely view operation.
- 7 & 15 gallon complete with flow control.

UV-W Series:

- Same as UV series with:
- Internal wiper unit for manual cleaning of quartz sleeve.
- 8 & 15 gallon complete with flow control.

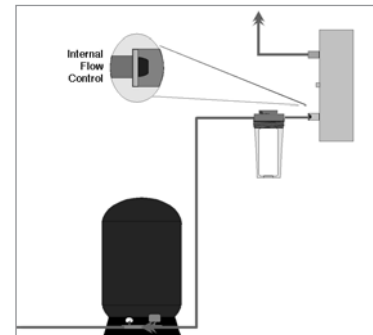
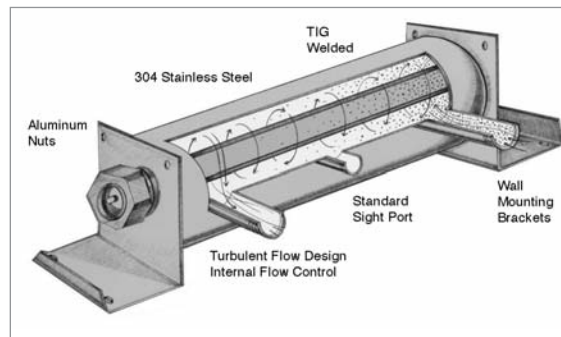
UV-GDS Series:

- Same as UV series with:
- 7 & 15 gallon complete with flow control. Remote flow control adder for 24 gallon (not included)
- Electronic built-in "lamp-out" circuit/alarm.
- ON/OFF indicator light.
- Standard auxillary output terminal for optional solenoid shut-off (UVS077 not included).
- Built in surge protector and fuse.

Ultraviolet Disinfection Systems



Water entering the disinfection unit flows in the space between the quartz sleeve and the chamber wall. Turbulent flow through the unit insures exposure of micro-organisms to lethal dosages of ultraviolet rays. Water exiting the chamber is safe and ready to use.



Typical Installation

Part Number	Supplier Part #	Max GPM	# of Lamps	KW @ 120V	AMPS @ 120V 220V	Pipe Size	Dimensions LxWxD	Weight	Lamp Out Alarm	List Price
Safe Lite Economy Series										
UVSL8		8	1	0.07	.60 .30	1" MIP 3/4" FIP	18"x4"x7"	28	No	\$ 928.69
Standard Series										
UV7		7	1	0.07	.60 .30	1" MIP 3/4" FIP	18"x4"x7"	19	No	1116.36
UV15		15	1	0.07	.60 .30	1" MIP 3/4" FIP	36"x4"x7"	28	No	1371.53
GDS Series w/ Lamp out alarm										
UV7SE	UV7GDS	7	1	0.07	.60 .30	1" MIP 3/4" FIP	18"x4"x7"	19	Yes	1176.30
UV15SE	UV15GDS	15	1	0.07	.60 .30	1" MIP 3/4" FIP	36"x4"x7"	28	Yes	1478.25

Lamp out circuit board provides a visual and audible alarm when a lamp outage occurs.

Solenoid protection can be added via the on-board relay and the purchase of an UVS079 Solenoid.

220V 50Hz less power cord net adder \$ 35.72. Not available on SE series.



Ultraviolet Disinfection Parts

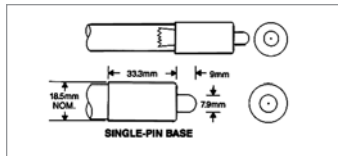


UVM254

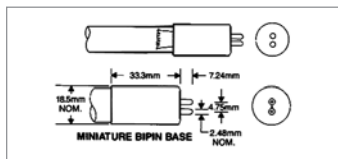


UVS079

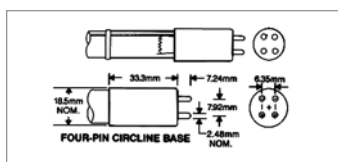
Part Number	Description	For Use With Series	List Price
Accessories			
UVM254	UV Dosage meter w/ alarm	UV, UV-W	\$ 2637.69
UVS079	Shut-Off Solenoid 1" FNPT, use w/ UVM254, or UVM257 Specify when ordering	UV, UV-W, UV-SE, UVC	284.22
Maintenance & Repair Parts			
UVP4025	Brass end nut assembly - complete (new)	All models	80.11
UVP5175	Monitor lens kit		160.07
UVP8544	O-ring - Standard for end nut		4.27
UVP1421DWS7	Ballast	UV7	106.68
UVP1421DWS15	Ballast	UV15	106.68
UVP8222	Ballast - (120V, 60 Hz)	UV7SE	106.68
UVP8224	Ballast - (120V, 60Hz)	UV15SE	106.68
UVP8225	Ballast - (120V, 60Hz)	UV15C	131.47
Service Kits - Include bulb, quartz sleeve, o-rings and small tube of silicone.			
Recommended 1 per year.			
UVK07	Includes (1) UVB1805 bulb, (1) UVQS6211 sleeve, (2) UVP8544 o-rings	UV7, UV7SE	159.94
UVK015	Includes (1) UVB8246 bulb, (1) UVQS6608 sleeve, (2) UVP8544 o-rings	All 15 models	213.43
UVK024	Includes (2) UVB8246 bulb, (2) UVQS6608 sleeve, (4) UVP8544 o-rings	All 24 models	421.06



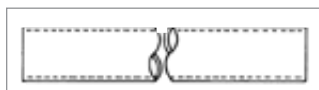
UVB Series - 1 pin each end



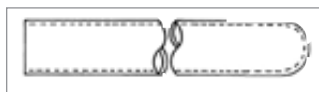
UVB Series - 2 pins each end



UVB Series - 4 pins one end



UVQS Series



UVQS-D Series

Part Number	Bulb Length	Description	For Use With Series	List Price
UV Bulbs				
UVB1805	14"	1 pin each end	UV7, UV7SE	\$ 120.80
UVB1814	27.3"	1 pin each end		140.13
UVB8246	33.2"	1 pin each end	All 15 UVC80 24 28 60 120	140.13
UVB11149	45.88"	1 pin each end		140.13
UVB11550	61.2"	1 pin each end	UVC130 bulb	206.60
UVB2436	17"	2 pins each end		140.13
UVB2457	18"	2 pins each end	DWSW-8	140.13
UVB2793	31.34"	2 pins each end		140.13
UVB4287	11.3"	4 pins one end		140.13
UVB4330	13"	4 pins one end		140.13
UVB4357	14.5"	4 pins one end		140.13
UVB4409	16"	4 pins one end		140.13
UVB4436	17"	4 pins one end		140.13
UVB4450	17.71"	4 pins one end	DWS-8V, SE8V, SL5, SL8, SL8V	140.13
UVB4739	29"	4 pins one end	DWS-12V, SE12V	140.13
UVB4793	31.34"	4 pins one end		140.13
UVB4810	32"	4 pins one end		140.13
UVB4854	33.2"	4 pins one end		140.13
Bulb length is from end to end excluding pin connection.				
Quartz Sleeves - Open Ends (22 mm ID, 24.5mm OD)				
UVQS6211	14.37"	Quartz Sleeve	UV7, UV7SE	42.66
UVQS1483	19"	Quartz Sleeve	DWSW-8	54.48
UVQS6608	32.62"	Quartz Sleeve	All 12 15 24 48 60 80 120	87.98
UVQS1575	62"	Quartz Sleeve	UVC130	173.45
Quartz Sleeves - Domed Ends (22 mm ID, 24.5mm OD)				
UVQS1435D	17"	Dome End Quartz Sleeve		88.95
UVQS476D	19"	Dome End Quartz Sleeve	SL5, SL8, DWS-8V	87.98
UVQS335D	34"	Dome End Quartz Sleeve		87.98



Sump Pump Discharge Kits



SPDK Series

SPDK Sump Pump Discharge Kits Feature:

- 24 ft of heavy duty corrugated polyethylene tubing, with 8' cutting intervals.
- 1-1/4" or 1 1/2" full size plastic male adapter with stainless steel clamp.
- Individually packaged with instructions included.

Part Number	Description	Ctn Qty	List Price
SPDK125M	Male adapter to fit 1-1/4" FIPT pump discharge	8	\$ 17.62
SPDK150M	Reducing male adapter (1 1/2" mip x 1-1/4" ins) to fit 1-1/2" FIPT pump discharge with 1 1/4" sump hose	8	18.40
SPDK150MHD	Male adapter to fit 1 1/2" FIPT pump discharge w/ 1 1/2" sump hose	6	26.63
SPDH125-300	1 1/4" bulk hose, 300'	1	199.49
SPDH150-150	1 1/2" bulk hose, 150'	1	183.71

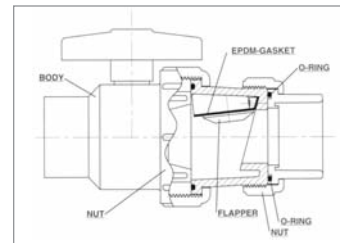


2200 Series



2200 Series Checkmate Features:

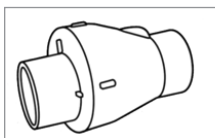
- One piece ball/check valve combination.
- Save time, labor and hassle to applications requiring in-line ball valves and check valves.
- True union or compression design allows for removal of check valve for cleaning or repairs.
- Rates at 125 psi. May be installed in vertical or horizontal position.
- Made of PVC type 1 grade 1 material meeting ASTM-D1784.



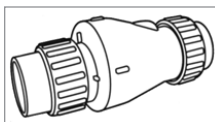
Part Number	Description	Ctn Qty	List Price
2200-15	1 1/2" Union x Slip	12	\$ 55.26
2200-20	2" Union x Slip	12	83.61
2200-15TU	1 1/2" Union x Union	12	73.20
2200-20TU	2" Union x Union	12	97.08
2200-15UC	1 1/2" Compression x Compression	12	66.84
2200-20UC	2" Compression x Compression	12	89.36



MCV Series



MCV821 Series



MCV823 Series



MCV850 Series

"Smart" Swing Check Valve Features:

- Patented innovation in swing check valve technology eliminates in-line flow restriction of conventional check valves.
- Spring loaded swing check flapper/gate allows full flow and reliable back flow prevention.
- Standard "smart" check valve remains closed to 1/2 psi, then open for full flow.
- Magnetic "smart" check valves remain closed to 2 psi, then open for full flow.



Part Number	Size	Description	Spring Tension	Ctn Qty	List Price
MCV821-10	1"	Slip x Slip	1/2 lb.	12	\$ 22.26
MCV821-10C	1"	Slip x Slip CLEAR	1/2 lb.	12	25.37
MCV821-15	1 1/2"	Slip x Slip	1/2 lb.	12	33.56
MCV821-15C	1 1/2"	Slip x Slip CLEAR	1/2 lb.	12	37.00
MCV821-20	2"	Slip x Slip	1/2 lb.	12	39.46
MCV821-20C	2"	Slip x Slip CLEAR	1/2 lb.	12	42.55
MCV821-20M	2"	Slip x Slip w/magnet	2 lb.	12	43.08
MCV821-20MC	2"	Slip x Slip w/magnet CLEAR	2 lb.	12	45.96
MCV823-10	1"	Union x Union	1/2 lb.	12	33.56
MCV823-10C	1"	Union x Union CLEAR	1/2 lb.	12	37.00
MCV823-15	1 1/2"	Union x Union	1/2 lb.	12	38.21
MCV823-15C	1 1/2"	Union x Union CLEAR	1/2 lb.	12	56.56
MCV823-20	2"	Union x Union	1/2 lb.	12	50.89
MCV823-20C	2"	Union x Union CLEAR	1/2 lb.	12	60.25
MCV823-20M	2"	Union x Union w/magnet	2 lb.	12	60.25
MCV823-20MC	2"	Union x Union w/magnet CLEAR	2 lb.	12	63.97
MCV850-15	1 1/2"	Check/Slice Combo Union x Slip		12	58.49
MCV850-20	2"	Check/Slice Combo Union x Slip		12	84.92



SUMP CHECK



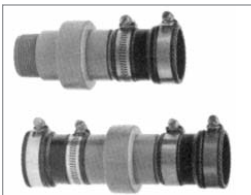
1500 Series



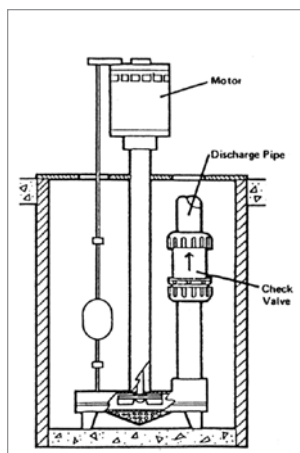
SPCV Series



SC Series



SC125SRS, SC125/150 DRS



Typical Installation

Sump Check Features:

- Valve fits 1-1/4" or 1-1/2" IPS size PVC, ABS & Galvanized.
- 4 gaskets furnished with each valve (2)1- 1/4" and (2)1- 1/2".
- Easy installation, no hose clamps, cementing or threading.
- Long lasting EPDM weighted flapper.
- Body length 5 1/4"



1500 Series Features:

- Compression PVC Swing Check Valve.
- For IPS plastic or steel pipe.
- Body length is 7 1/2" for 1 1/4" and 1 1/2"; 9 3/4" for 2"



SPCV Series Features:

- Swing Check Valve, rubber boot x rubber boot
- ABS body, Buna-N flapper, rubber boot w/stainless steel clamps.
- Available in 1-1/4", 1-1/2" and 2".



SC Series Features:

- Full flow - positive sealing flapper swing check design.
- Durable sonic welded thermoplastic body.
- Available in 1-1/4" & 1-1/2" and combo 1-1/4"-1-1/2".
- Stainless steel clamps provided on the RS models.
- Single (S) or Double (D) reducing rubber sleeves for flexibility.

Part Number	Inlet	Outlet	Ctn Qty	List Price
SUMP CHECK	1 1/4" or 1 1/2" IPS	1 1/4" or 1 1/2" IPS	12	\$ 32.23
1500-12	1 1/4" ips comp	1 1/4" ips comp	12	42.20
1500-15	1 1/2" ips comp	1 1/2" ips comp	12	47.15
1500-20	2" ips comp	2" ips comp	12	66.35
1500-30	3" ips comp	3" ips comp	2	169.85
SPCV125	1 1/4" rubber boot	1 1/4" rubber boot	10	13.74
SPCV150	1 1/2" rubber boot	1 1/2" rubber boot	10	14.14
SPCV200	2" rubber boot	2" rubber boot	12	27.60
SC125B	1 1/4" mpt	1 1/4" barb or 1 1/2" slip	20	5.62
SC150B	1 1/2" mpt	1 1/4" barb or 1 1/2" slip	20	5.62
SC125	1 1/4" mpt	1 1/4" or 1 1/2" slip	20	5.99
SC125SRS	1 1/4" mpt	1 1/4" or 1 1/2" rubber boot	10	10.48
SC150SRS	1 1/2" mpt	1 1/4" or 1 1/2" rubber boot	10	10.48
SC125/150DRS	1 1/4" or 1 1/2" rub boot	1 1/4" or 1 1/2" rubber boot	10	15.03



SPCV SL Series

SPCV Silent Series Check Valve Features:

- Double flapper design eliminates typical hammering of sump check valve after pump cycles.
- Nested flapper design allows for proper seating and eliminates stress at the hinge point.
- ABS body, Buna-N flapper, rubber boot w/stainless steel clamps.
- Available in 1-1/2" and 2".
- Made in USA.
- Pressure tested.



Part Number	Inlet	Outlet	Ctn Qty	List Price
SPCV150SL	1 1/2" RUBBER BOOT	1 1/2" RUBBER BOOT	16	\$ 39.69
SPCV200SL	2" rubber boot	2" rubber boot	12	50.52



Fittings for Plastic Tubing - NL Brass



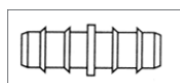
Barb Fitting Features:

- Superior NO LEAD brass fittings for soft plastic tubing for oil, water, air, vacuum, gas and liquid low pressure lines.
- Exclusive self-clinching double barbs actually tighten under strain.

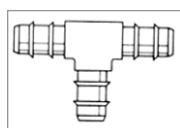


Compression Fitting Features:

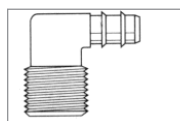
- NO LEAD Brass compression fittings designed for plastic tubing.
- Built-in tube support prevents tube collapse and allows easy assembly.



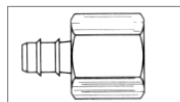
VT22



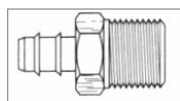
VT224



VT229



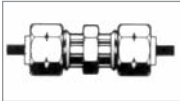
VT26



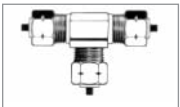
VT28

Part Number	Fits Tube OD	Fits Tube ID	Thread Size	Qty	List Price
Coupling (Ins x Ins)					
VT22-4-4NL	3/8"	1/4"		Bulk	\$ 4.13
VT22-6-6NL	1/2"	3/8"		Bulk	5.15
VT22-8-8NL	5/8"	1/2"		Bulk	7.65
Tee (Ins x Ins x Ins)					
VT224-4NL	3/8"	1/4"		Bulk	13.98
VT224-6NL	1/2"	3/8"		Bulk	13.06
Elbow (Ins x MIP)					
VT229-4-4NL	3/8"	1/4"	1/4" mip	Bulk	11.58
VT229-6-4NL	1/2"	3/8"	1/4" mip	Bulk	10.20
VT229-8-6NL	5/8"	1/2"	3/8" mip	Bulk	18.21
Female Adapter (Ins x FIP)					
VT26-4-2NL	3/8"	1/4"	1/8" fip	Bulk	5.46
VT26-6-4NL	1/2"	3/8"	1/4" fip	Bulk	6.68
Male Adapter (Ins x MIP)					
VT28-4-2NL	3/8"	1/4"	1/8" mip	Bulk	3.88
VT28-4-4NL	3/8"	1/4"	1/4" mip	Bulk	5.51
VT28-6-4NL	1/2"	3/8"	1/4" mip	Bulk	6.28
VT28-8-6NL	5/8"	1/2"	3/8" mip	Bulk	9.44

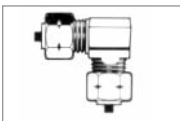
Fittings for Plastic Tubing - NL Brass



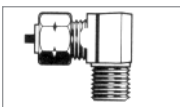
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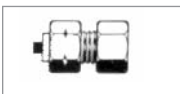
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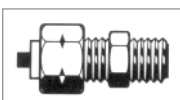
VT65



VT69



VT66



VT68



VT60



VT61



VT63

Part Number	Fits Tube OD	Fits Tube ID	Thread Size	Qty	List Price
Union w/ inserts (Comp x Comp)					
VT62-4NL	1/4" x 1/4"	.17"		Bulk	\$ 10.19
Tee w/ inserts (Comp x Comp x Comp)					
VT64-4NL	1/4" x 1/4" x 1/4"	.17"		Bulk	15.29
VT64-6NL	3/8" x 3/8" x 3/8"	1/4"		Bulk	20.33
Elbow w/ inserts (Comp x Comp)					
VT65-6NL	3/8" x 3/8"	1/4"		Bulk	23.24
VT65-8NL	1/2" x 1/2"	3/8"		Bulk	33.43
Male Elbow w/ inserts (Com x MIP)					
VT69-4-4NL	1/4"	.17"	1/4" mip	Bulk	17.43
VT69-6-4NL	3/8"	1/4"	3/8" mip	Bulk	20.33
Female Connector w/ inserts (Com x FIP)					
VT66-4-4NL	1/4"	.17"	1/4" fip	Bulk	10.95
VT66-6-4NL	3/8"	1/4"	1/4" fip	Bulk	14.52
VT66-8-8NL	1/2"	3/8"	1/2" fip	Bulk	13.10
Male Connector w/ inserts (Comp x MIP)					
VT68-4-4NL	1/4"	.17"	1/4" mip	Bulk	9.48
VT68-6-4NL	3/8"	1/4"	1/4" mip	Bulk	10.19
Delrin Sleeve					
VT60-4	1/4"			Bulk	0.49
VT60-6	3/8"			Bulk	0.82
VT60-8NL	1/2"			Bulk	8.05
Nut					
VT61-4NL	1/4"			Bulk	1.43
VT61-5NL	5/16"			Bulk	1.79
VT61-6NL	3/8"			Bulk	1.99
Tube Support					
VT63-4NL	1/4"	.17"		Bulk	0.51
VT63-6NL	3/8"	1/4"		Bulk	0.97
VT63-8NL	1/2"	3/8"		Bulk	2.50



Plumbing Installation Kits & Accessories



HARVARD Garbage Disposal Wiring Kit Features:

- Complete with 3 wire nuts and one SE/U oval cable connector.
- 6' long, 16 gauge, 3 conductor wire cord.
- Polybagged with header card.



Part Number	Description	Ctn Qty	List Price
HGDWK6ST	Kit w/ 6' cord straight plug	24	\$ 18.30
HGDWK6RA	Kit w/ 6' cord right angle plug	24	18.30



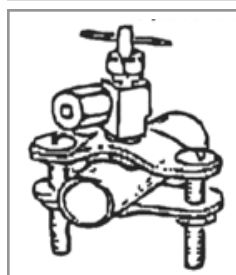
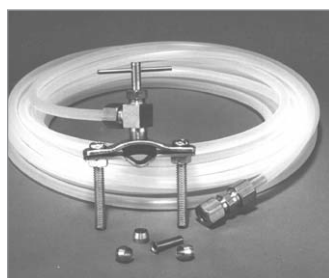
PTC163-6 Series

HARVARD Garbage Disposal Cord Features:

- Three prong straight or 90 degree (right angle) molded plugs.
- 16 gauge, 3 conductor.
- 13 amp, 125 Volt rating.
- Six foot length. Free end is split, stripped 3/8".
- UL and CSA listed in US and Canada.



Part Number	Description	Ctn Qty	List Price
PTC163-6ST	Straight plug cord	50	\$ 10.89
PTC163-6RA	Right angle plug cord	50	10.89



NO LEAD Brass Saddle Tap Valve & Kit Features:

- Self piercing tap valve and clamp for 3/8" to 1" OD copper tube or 3/8" to 3/4" iron pipe.
- Plastic sleeve, brass compression nut and brass or no lead brass insert (for reinforcing polyethylene tubing).
- Brass compression union for connecting polyethylene tubing to 1/4" water inlet at refrigerator, humidifier or cooler.
- 25 feet of 1/4" OD polyethylene tubing.
- The saddle tap valve eliminates plumbing connections and fittings.
- Supplies water to most humidifiers, evaporative coolers and refrigerators with automatic ice maker or water dispenser in door.
- Use for installation of Reverse Osmosis and Chemical Contaminant Filter Systems.
- For use on copper tube or iron pipe.

Part Number	Description	Ctn Qty	List Price
HTVK381NL	NO LEAD Brass Tapping Valve Kit fits 3/8" -1" OD copper tube or 3/8"-3/4" iron pipe	6	\$ 27.82
PFSTVNL	No Lead Brass Saddle Tapping Valve Only	10	8.78



Super Iron Out

Removes the toughest rust and iron stains quickly and easily from white clothes, laundry, toilets, sinks, tubs, dishwashers, exterior surfaces and much more. Also keeps water softeners clean and operating at peak efficiency.

Part Number	Description	Ctn Qty	List Price
IOUT30	Iron Out, 28 oz.	6	\$ 15.55
IOUT5	Iron Out, 76 oz.	6	39.77



Tapes - Electrical, Vinyl



T60NL



General Purpose NO LEAD Vinyl Electrical Tape Features:

- Third party certified to NSF/ANSI 372.
- Economical, flexible, general purpose electrical tape.
- Use for insulation, protective jacketing and harnessing.
- 7 mil thickness.
- Temperature Range 32°F and 176°F.
- Meets mil spec. MIL-I-7798A.
- Imported



Part Number	Thickness	WidthxLength	Color	Ctn Qty	List Price
T60NL	7 mil	3/4" x 60 feet	Black	64	\$ 2.12



AWT60NL Series



Premium All Weather NO LEAD Vinyl Electrical and Pipe Wrap Tape Features:

- Third party certified to NSF/ANSI 372.
- For use in all weather applications.
- Use for insulation, protective jacketing and harnessing and pipe wrap.
- 7 mil thickness, 3/4" or 2" width.
- Temperature range 14 °F and 176 °F.
- Meets Mil. Spec. MIL-1-7798A.
- Tested to ASTM D-1000
- Imported



Part Number	Thickness	WidthxLength	Color	Ctn Qty	List Price
AWT60NL	7 mil	3/4" x 60 feet	Black	64	\$ 2.39
AWT60-2NL	7 mil	2" x 60 feet	Black	48	6.07



Tapes - 3M Vinyl, Rubber



1700



LISTED
539H
Insulating Tape

LR48769

Third Party Certified
to NSF / ANSI 372

3M® 1700 Temflex™ Vinyl Electrical Tape Features:

- Economical, flexible, general purpose electrical tape.
- Use for protective jacketing and harnessing.
- 7 mil thickness.
- Temperature rating to 176 °F, 80 °C.
- Meets ASTM D-2301 Type 1.
- Imported

Part Number	Thickness	WidthxLength	Color	Ctn Qty	List Price
1700	7 mil	3/4" x 60 feet	Black	100	\$ 4.00



TS Series

ISO 900 X



• Scotch® is a 3M registered trademark

3M® Scotch® Professional Use Premium Vinyl Plastic Tape Features:

- Highly conformable, super stretchy in **all weather** applications.
- Resists UV rays, abrasion, corrosion, alkalis and acids.
- Flame Retardent.
- 7 mil tape thickness Super 33+. 8.5 mil thickness Super 88
- Temperature range 0 °F to 220 °F.
- Use as a primary insulation for wire cable splices up to 600V.
- Use as protective jacketing.
- Made in USA. Made for AGI in a ISO 900X facility.

Super 33+
ASTM D-3005 Type I
UL273 & CSA LR48769

Super 88
MIL-I-24391C
ASTM D-3005 Type I
UL 539H & CSA LR48769

Part Number	Thickness	WidthxLength	Color	Ctn Qty	List Price
TS33-20	7 mil	3/4" x 20 feet	Black	10/100	\$ 6.78
TS33-44	7 mil	3/4" x 44 feet	Black	10/100	12.35
TS33-66	7 mil	3/4" x 66 feet	Black	10/100	15.26
TS88-66	8.5 mil	3/4" x 66 feet	Black	10/100	19.35



2242

ISO 900 X



3M® 2242 Linerless Electrical Rubber Tape Features:

- Multi-purpose rubber insulating tape.
- Designed for use in splicing and terminating wires and cables.
- Rated up to 194 °F (90 °C) continuous.
- Highly conformable, linerless EPR (Ethylene Propylene Rubber) based tape.
- No Liner for easier handling.
- Excellent thermal dissipation for longer cable life.
- Excellent moisture seal.
- With Flame retardant.
- Meets HH-I-553C and ASTM D-4388 Type I, II, III.

Part Number	Thickness	WidthxLength	Ctn Qty	List Price
2242	30 mil	3/4" x 15 feet	24	\$ 22.56





Hand Cleaner Towels



SCRUBS® WATERLESS HAND CLEANING TOWELS



So unique they needed a patent! Powerful yet safe cleaning agents work together with an absorbent, non scratching abrasive hand cleaning towel. The result is hands that are clean and protected, with a pleasant fragrance...and are residue free. These shop size, durable towels quickly remove tough to clean substances including: Dirt, Heavy Grease, Adhesives, Lubricants, Oils, Ink, Tar, Wax, Caulk, Sealants, Paint and more.

Scrubs® is registered by Dymon Inc.

Features:

- Pre-moistened, heavy duty towel with pumice scrubbing power.
- Works fast to loosen, dissolve and absorb dirt & grease.
- Deep cleaning scrubbers remove embedded grime easily.
- Conditions and softens hands... *No rinsing. No drying. No residue.*

Part Number	Description	Ctn Qty	List Price
SCRB72	Scrubs 72 Count Bucket	6	\$ 38.15



American Granby Inc.™

In the United States:
In Canada:

Phone (800) 776-2266
Phone (866) 503-5523

www.americangranby.com
Fax (800) 729-3299
Fax (888) 562-2095

1/20/15

3M™ Spray Adhesive



3M™ BLUE 72 Spray Adhesives

- Pressure sensitive repositionable adhesive
- Aggressive tack and low soak-in.
- Use it for temporarily positioning and holding many fabrics.
- Precise spray control with a wide spray pattern.
- Ideal for pool liner installation
- Manufactured for AGI in an ISO 900 facility.



ISO 9002



3M™ ORANGE FOAM FAST 74 Spray Adhesives

- 74 Foam Fast Adhesive gives fast tack with foam-tearing strength and a soft, non-dimpling glue line.
- Bonds foam to foam, foam to metal.
- Non-misting, precise spray pattern.
- Not for sale in California. Does not meet Aerosol Consumer Products VOC limits.
- Manufactured for AGI in an ISO 900 facility.

Product	Bond Type	Bonding Time	Spray Width	Spray Pattern	Color	Temperature Resistance	Coverage
72	Temp or Permanent	One side-8 hrs Two sides-7 days	3-3.5 in	Controlled Lace	Blue	120°F 48°C	100 sq ft. 9.3 m ²
74	Permanent	One side -not recommended Two sides-15 minutes	1-3 in variable	Lace	Light Orange	120°F 48°C	260 sq ft. 25 m ²

Part Number	Can Size	Ctn/Pallet Qty	List Price
BLUE 72	Blue Spray Adhesive 24 fl oz. can 17.33 oz. net	12/768	\$ 41.36
ORANGE74	Orange spray adhesive 24 fl oz. can 17.33 oz. net	12/768	50.18

Pallet pricing available. Call your Sales Representative.





American Granby

ITW Polymers Adhesives

North America



User Price Schedule ID-0116-US

Effective 4/19/16 - Supersedes all previous published price schedules

Contact AGI Toll Free at 1-800-776-2266 or www.americangranby.com for technical information or name and number of your nearest distributor or sales representative.

Stock No.	Brand	Product Description	Stock Class*	Items Per Case	Gross. Wt. Per Case (lbs)	AGI LIST Price (each)
10050	DV	DEVCON® Carbide Putty - 3 lb	1	6	23.00	\$530.75
10080	DV	DEVCON® Carbide Putty - 20 lb	1	1	24.00	\$2,647.04
10110	DV	DEVCON® Plastic Steel® Putty (A) - 1 lb	1	6	9.00	\$133.01
10120	DV	DEVCON® Plastic Steel® Putty (A) - 4 lb	1	6	29.00	\$499.32
10130	DV	DEVCON® Plastic Steel® Putty (A) - 25 lb	1	1	28.00	\$1,844.86
10210	DV	DEVCON® Plastic Steel® Liquid (B) - 1 lb	1	6	9.00	\$132.76
10220	DV	DEVCON® Plastic Steel® Liquid (B) - 4 lb	1	6	26.00	\$517.76
10230	DV	DEVCON® Plastic Steel® Liquid (B) - 25 lb	1	1	26.00	\$1,862.76
10240	DV	DEVCON® Plastic Steel® 5 Minute® Putty (SF) - 1 lb	1	6	9.00	\$166.57
10260	DV	DEVCON® Bronze Putty (BR) - 1 lb	1	6	9.00	\$252.83
10270	DV	DEVCON® Stainless Steel Putty (ST) - 1 lb	1	6	9.00	\$243.68
10610	DV	DEVCON® Aluminum Putty (F) - 1 lb	1	6	9.00	\$194.24
10620	DV	DEVCON® Aluminum Putty (F) - 3 lb	1	6	22.00	\$529.49
10710	DV	DEVCON® Aluminum Liquid (F-2) - 1 lb	1	6	9.00	\$193.88
10720	DV	DEVCON® Aluminum Liquid (F-2) - 3 lb	1	6	22.00	\$524.41
10760	DV	DEVCON® Titanium Putty - 1 lb	1	6	9.00	\$320.38
10770	DV	DEVCON® Titanium Putty - 2 lb	1	6	17.00	\$592.57
10780	DV	DEVCON® FasMetal™ - 3/4 lb	1	6	6.00	\$231.81
11320	DV	DEVCON® DFense Blok™ Quick Patch- 1 lb	1	6	10.60	\$261.47
11330	DV	DEVCON® DFense Blok™ - 30 lb	1	1	34.00	\$2,289.74
11340	DV	DEVCON® DFense Blok™ Surface Wetting Agent - 1 lb	1	2	3.45	\$212.82
11350	DV	DEVCON® DFense Blok™ Fast Cure (FC) - 9 lb	1	1	11.00	\$1,104.01
11410	DV	DEVCON® Wear Resistant Putty (WR-2) - 1 lb	1	6	9.00	\$206.81
11420	DV	DEVCON® Wear Resistant Putty (WR-2) - 3 lb	1	6	23.00	\$559.54
11450	DV	DEVCON® Combowear FC (Fast Cure) - 9 lb	1	1	11.00	\$716.74
11460	DV	DEVCON® Wear Guard™ (High Impact) - 30 lb	1	1	34.00	\$1,534.33
11470	DV	DEVCON® Wear Guard™ (Fine Load) - 30 lb	1	1	34.00	\$1,998.10
11475	DV	DEVCON® Wear Guard™ Ultra - 30 lb	1	1	37.00	\$4,246.84
11480	DV	DEVCON® Wear Guard™ High Temp - 30 lb	1	1	34.00	\$2,240.38
11489	DV	DEVCON® HV Tile Adhesive - 20 lb	1	1	23.00	\$887.10
11490	DV	DEVCON® Wear Guard™ High Load - 30 lb	1	1	34.00	\$1,174.90
11495	DV	DEVCON® Tile Adhesive - 20 lb	1	1	23.00	\$887.10
11500	DV	DEVCON® Zip Patch™ - 4"x9" patch	1	6	2.58	\$158.04
11700	DV	DEVCON® Ceramic Repair Putty - 3 lb	1	6	23.00	\$597.06
11730	DV	DEVCON® Ceramic Repair Putty - 32 lb	1	1	37.00	\$2,965.93
11760	DV	DEVCON® Brushable Ceramic red - 2 lb	1	6	17.00	\$509.45
11762	DV	DEVCON® Brushable Ceramic red - 12 lb	1	1	15.00	\$1,141.05
11765	DV	DEVCON® Brushable Ceramic blue - 2 lb	1	6	17.00	\$509.45
11767	DV	DEVCON® Brushable Ceramic blue - 12 lb	1	1	15.00	\$1,152.11
11770	DV	DEVCON® Brushable Ceramic white - 2 lb	1	6	17.00	\$546.86
11800	DV	DEVCON® Underwater Repair Putty (UW) - 1 lb	1	6	9.00	\$257.15
12560	DV	DEVCON® Epoxy Concrete Sealer - 2 gal	1	1	29.00	\$1,356.87
12710	DV	DEVCON® Epoxy Coat™ 7000 Non VOC - 2 gal	1	1	26.00	\$1,164.09
12750	DV	DEVCON® Epoxy Coat™ 7000 AR (Acid Resistant) - 2 gal	1	1	23.00	\$1,348.73
13090	DV	DEVCON® Floor Grip™ - 2 gal	1	1	28.00	\$1,217.74
13100	DV	DEVCON® Floor Patch™ - 10 lb	1	1	12.00	\$288.92

Stock No.	Brand	Product Description	Stock Class*	Items Per Case	Gross. Wt. Per Case (lbs)	AGI LIST Price (each)
13110	DV	DEVCON® Floor Patch™ FC (Fast-Cure) - 10 lb	1	1	13.00	\$324.28
13120	DV	DEVCON® Floor Patch™ - 40 lb	1	1	44.00	\$787.51
13130	DV	DEVCON® Floor Patch™ Resurfacer - 41 lb	1	1	44.00	\$786.70
13550	DV	DEVCON® Ultra Quartz™ - 35 lb	1	1	39.00	\$1,071.77
13800	DV	DEVCON® Deep Pour Grout™ - 50 lb.	1	1	50.00	\$829.52
14200	DV	DEVCON® 5 Minute® Epoxy [1-1] - 15 oz	1	6	7.00	\$145.22
14210	DV	DEVCON® 5 Minute® Epoxy [1-1] - 2.5 oz	1	24	6.00	\$29.94
14240	DV	DEVCON® 5 Minute® Epoxy Gel opaque [1-1] - 25ml Dev-Tube™	1	24	5.00	\$23.09
14250	DV	DEVCON® 5 Minute® Epoxy [1-1] - 25ml Dev-Tube™	1	24	4.00	\$17.01
14251	DV	DEVCON® 10 Minute™ Epoxy clear [1-1] - 50ml	1	12	2.00	\$45.23
14255	DV	DEVCON® 10 Minute™ Epoxy Black [1-1] - 50ml	1	12	2.00	\$44.36
14260	DV	DEVCON® 2 Ton® Epoxy [1-1] - 50ml	1	12	2.00	\$40.83
14265	DV	DEVCON® 5 Minute® Epoxy Gel opaque [1-1] - 50ml	1	12	3.00	\$42.15
14270	DV	DEVCON® 5 Minute® Epoxy [1-1] - 50ml	1	12	3.00	\$37.74
14277	DV	DEVCON® 1 Minute™ Epoxy Gel amber [1-1] - 80ml	1	12	3.00	\$49.39
14278	DV	DEVCON® Epoxy Plus™ 25 grey [1-1] - 50 ml cartridge	1	12	3.00	\$49.05
14300	DV	DEVCON® Plastic Welder™ straw [1-1] - 25ml Dev-Tube™	1	24	5.00	\$31.01
14310	DV	DEVCON® 2 Ton® Epoxy [1-1] - 25ml Dev-Tube™	1	24	4.00	\$19.50
14315	DV	DEVCON® HP250 (2-1 ratio) straw - use with 74001 GP Manual Gun	1	12	3.00	\$49.75
14320	DV	DEVCON® Plastic Welder™ straw [1-1] - 47ml	1	12	3.00	\$45.46
14330	DV	DEVCON® Plastic Welder™ straw [1-1] - 2 liter kit	1	1	6.00	\$843.91
14340	DV	DEVCON® Plastic Welder™ II straw [1-1] - 47ml	1	12	3.00	\$45.46
14350	DV	DEVCON® Epoxy Plus™ 25 grey [1-1] - 400ml	1	12	18.00	\$187.73
14355	DV	DEVCON® 2 Ton® Epoxy [1-1] - 400ml	1	12	17.00	\$181.86
14360	DV	DEVCON® 2 Ton® Epoxy [1-1] - 9 lb	1	1	10.00	\$983.91
14385	DV	DEVCON® Plastic Welder™ straw [1-1] - 400ml	1	12	17.00	\$169.60
14390	DV	DEVCON® Plastic Welder™ II straw [1-1] - 400ml	1	12	17.00	\$169.60
14415	DV	DEVCON® HP250 straw [2-1] - 400ml	1	12	17.00	\$185.51
14500	DV	DEVCON® Dev-Thane 5™ grey [1-1] - 400ml	1	10	4.30	\$193.88
14503	DV	DEVCON® Dev-Thane 5™ grey [1-1] - 50ml	1	12	3.00	\$48.41
14630	DV	DEVCON® 5 Minute® Epoxy [1-1] - 9 lb	1	1	10.00	\$926.69
15049	DV	DEVCON® Flexane® Fast Cure Putty [4-1] - 400ml	1	4	6.00	\$186.10
15050	DV	DEVCON® Flexane® Fast Cure Liquid [4-1] - 400ml	1	4	6.00	\$182.88
15165	DV	DEVCON® Flexane® Belt Repair Kit - Kit	1	1	6.00	\$589.20
15250	DV	DEVCON® Flexane® 94 Liquid - 1 lb	1	6	19.00	\$163.18
15260	DV	DEVCON® Flexane® 94 Liquid - 10 lb	1	1	13.00	\$1,179.41
15330	DV	DEVCON® Flexane® High Performance Putty - 1 lb	1	6	19.00	\$234.84
15350	DV	DEVCON® Flexane® Brushable - 1 lb	1	6	19.00	\$244.13
15550	DV	DEVCON® R-Flex® Belt Repair Kit - 4lb	1	1	6.00	\$1,312.20
15565	DV	DEVCON® R-Flex® Belt Repair Kit - 1.5lb	1	4	9.750	\$556.88
15800	DV	DEVCON® Flexane® 80 Liquid - 1 lb	1	6	19.00	\$163.18
15810	DV	DEVCON® Flexane® 80 Liquid - 10 lb	1	1	15.00	\$1,179.41
15820	DV	DEVCON® Flexane® 80 Putty - 1 lb	1	6	15.00	\$163.18
15850	DV	DEVCON® Flexane® 80 Putty - 4 lb	1	1	6.00	\$555.67
15940	DV	DEVCON® Flex-Add™ - 8 oz	1	6	5.00	\$70.52
15980	DV	DEVCON® FL-10 Flexane® Primer - 4 oz	1	6	2.58	\$64.91
15984	DV	DEVCON® FL-40 Flexane® Rubber Primer - 4 oz	1	6	2.58	\$69.31
15985	DV	DEVCON® FL-20 Flexane® Primer - 4 oz	1	6	2.58	\$65.97
17100	DV	DEVCON® Silite® RTV Silicone clear - 3 oz	1	24	8.00	\$12.66
17130	DV	DEVCON® Silite® RTV Silicone red - 10.3 fl oz	1	12	10.00	\$35.95
17140	DV	DEVCON® Silite® RTV Silicone* white - 10.3 fl oz	1	12	10.00	\$23.23
17150	DV	DEVCON® Silite® RTV Silicone* clear - 10.3 fl oz	1	12	8.00	\$22.36
19510	DV	DEVCON® Cleaner Blend 300 - 1 pt	1	6	7.00	\$109.83
19600	DV	DEVCON® Liquid Release Agent - 1 pt	1	6	6.00	\$180.66
19650	DV	DEVCON® Metal Prep 90™ Primer - 1 pt.	1	6	7.00	\$114.66
19770	DV	DEVCON® FasMetal™ 10 HVAC Repair (Special F) - 6-1/2 oz tube	1	12	5.26	\$98.61
81095	DV	Korrobond 95 Backing Compound	1	1	23.00	\$316.73
DA033	DV	DEVCON® Plastic Welder™ - Adhesive straw - 5 gal.	2	1	45.00	\$3,352.81
DA034	DV	DEVCON® Plastic Welder™ Activator - 5 gal.	2	1	45.00	\$3,190.08

Stock No.	Brand	Product Description	Stock Class*	Items Per Case	Gross. Wt. Per Case (lbs)	AGI LIST Price (each)
DA051	DV	DEVCON® 5 Minute® Epoxy [1-1] - 400ml	1	12	17.00	\$167.47
DA052	DV	DEVCON® 5 Minute® Epoxy Gel opaque [1-1] - 400ml	1	12	17.00	\$186.33
DA160	DV	DEVCON® Plastic Welder™ white [1-1] - 400ml	1	12	17.00	\$172.89
DA290	DV	DEVCON® Plastic Welder™ black [1-1] - 47ml	1	12	3.00	\$46.36
DA291	DV	DEVCON® Plastic Welder™ white [1-1] - 47ml	1	12	3.00	\$46.36
DA295	DV	DEVCON® Plastic Welder™ black [1-1] - 400ml	1	12	17.00	\$178.10
DA307	DV	DEVCON® Plastic Welder™ Activator - 50 gal.	2	1	437.00	\$25,081.18
DA309	DV	DEVCON® Plastic Welder™ Adhesive straw - 50 gal.	2	1	437.00	\$26,399.49
DA999	DV	DEVCON® Food Grade Pot & Seal white [1-1] - 400ml	1	6	17.00	\$184.42
DF039	DV	DEVCON® Edge & Seal T-35 black [4-1] - 400ml	1	4	6.00	\$196.46
09128	PX	PERMATEX® Copper Anti-Seize Lubricant - 8 oz. brush top bottle	1	6	4.34	\$34.67
23218	PX	PERMATEX® FAST ORANGE® Hand Cleaner (Smooth Lotion) - 1 gal. plastic bottle with pump	1	4	36.24	\$64.83
24010	PX	PERMATEX® Medium Strength Threadlocker Blue GEL - 10 gm GEL TWIST™ tube, carded	1	6	0.72	\$33.95
24105	PX	PERMATEX® ULTRA BLACK® Max Oil Resistance Gasket Maker - 13 oz. cartridge	1	12	11.59	\$58.34
24210	PX	PERMATEX® Medium Strength Threadlocker Blue - 10 ml bottle, carded	1	6	0.57	\$31.25
24225	PX	PERMATEX® Medium Strength Threadlocker Blue - 250 ml bottle	1	2	1.53	\$312.63
24250	PX	PERMATEX® Medium Strength Threadlocker Blue - 50 ml bottle	1	6	1.33	\$89.30
24325	PX	PERMATEX® Surface Insensitive Threadlocker Blue - 250 ml bottle	1	2	1.56	\$328.25
24350	PX	PERMATEX® Surface Insensitive Threadlocker Blue - 50 ml bottle	1	6	1.33	\$94.71
25219	PX	PERMATEX® FAST ORANGE® Hand Cleaner (Pumice Lotion) - 1 gal. plastic bottle with pump	1	4	36.24	\$63.01
25224	PX	PERMATEX® THE RIGHT STUFF® Instant Rubber Gasket Maker - 7 oz net wt. pressurized can	1	6	4.29	\$64.23
26210	PX	PERMATEX® Permanent Strength Threadlocker Red - 10 ml bottle, carded	1	6	0.59	\$31.25
26225	PX	PERMATEX® Permanent Strength Threadlocker Red - 250 ml bottle	1	2	1.56	\$312.63
26250	PX	PERMATEX® Permanent Strength Threadlocker Red - 50 ml bottle	1	6	1.62	\$89.30
27010	PX	PERMATEX® High Strength Threadlocker Red GEL - 10 gm GEL TWIST™ tube, carded	1	6	0.66	\$33.95
27110	PX	PERMATEX® High Strength Threadlocker Red - 10 ml bottle, carded	1	6	0.72	\$31.25
27125	PX	PERMATEX® High Strength Threadlocker Red - 250 ml bottle	1	2	1.61	\$312.63
27150	PX	PERMATEX® High Strength Threadlocker Red - 50 ml bottle	1	6	1.32	\$89.30
27250	PX	PERMATEX® High Temperature Threadlocker Red - 50 ml bottle	1	6	1.27	\$94.71
27725	PX	PERMATEX® Large Diameter Threadlocker Red - 250 ml bottle	1	2	1.59	\$312.63
29050	PX	PERMATEX® Penetrating Grade Threadlocker Green - 50 ml bottle	1	6	1.24	\$90.17
31163	PX	PERMATEX® Copper Anti-Seize Lubricant - 1 lb. bottle	1	12	14.85	\$58.14
33694	PX	PERMATEX® THE RIGHT STUFF® Instant Rubber Gasket Maker - 10.1 fl. oz. cartridge	1	6	6.33	\$80.15
51531	PX	PERMATEX® Anaerobic Flange Sealant - 50 ml tube	1	10	1.76	\$40.56
51580	PX	PERMATEX® Anaerobic Flange Sealant - 300 ml cartridge	1	10	9.09	\$170.73
51813	PX	PERMATEX® Anaerobic Gasket Maker - 50 ml tube, carded	1	6	1.33	\$40.56
51845	PX	PERMATEX® Anaerobic Gasket Maker - 300 ml cartridge	1	10	10.00	\$170.73
54550	PX	PERMATEX® Pneumatic / Hydraulic Sealant - 50 ml bottle	1	6	1.33	\$90.19
56521	PX	PERMATEX® High Performance Thread Sealant - 50 ml tube, carded	1	6	1.30	\$39.61
56525	PX	PERMATEX® High Performance Thread Sealant - 250 ml tube	1	2	1.49	\$133.85
56725	PX	PERMATEX® Maximum Temperature Thread Sealant - 250 ml tube	1	2	1.52	\$132.59
56750	PX	PERMATEX® Maximum Temperature Thread Sealant - 50 ml tube, carded	1	6	1.36	\$39.61
59235	PX	PERMATEX® High Temperature Thread Sealant - 50 ml tube, carded	1	6	1.36	\$39.61
60950	PX	PERMATEX® Bearing Mount for Close Fits - 50 ml bottle	1	6	1.33	\$90.17
68050	PX	PERMATEX® Bearing Mount for Relaxed Fits - 50 ml bottle	1	6	1.25	\$94.71
70144	PX	PERMATEX® ZipGrip® GPE 3 Wicking - 14 gm bottle	1	12	1.00	\$42.63
70145	PX	PERMATEX® ZipGrip® GPE 3 Wicking - 3 x 2 gm tubes	1	12	1.00	\$35.69
70213	PX	PERMATEX® ZipGrip® GPE 15 Rubber Bonder - 1/3 oz. bottle	1	12	1.00	\$49.46
70350	PX	PERMATEX® ZipGrip® GPE 30 All Purpose - 1 oz. bottle	1	10	1.30	\$48.08
70450	PX	PERMATEX® ZipGrip® GPE 100 All Purpose MV - 1 oz. bottle	1	10	1.30	\$48.55
72161	PX	PERMATEX® ZipGrip® TE 1000 Gap Filling - 1 lb. bottle	1	1	1.25	\$556.56
72250	PX	PERMATEX® ZipGrip® TE 2400 Gap Filling - High Temp - 1 oz. bottle	1	10	1.30	\$61.38
72261	PX	PERMATEX® ZipGrip® TE 2400 Gap Filling - High Temp - 1 lb. bottle	1	1	1.25	\$546.15
77124	PX	PERMATEX® #771 Nickel Anti-Seize (Maximum Temperature) - 8 oz. brush top bottle	1	12	7.57	\$53.67
77164	PX	PERMATEX® #771 Nickel Anti-Seize (Maximum Temperature) - 1 lb. brush top bottle	1	10	11.70	\$102.50
80003	PX	PERMATEX® FORM-A-GASKET® #1 Sealant - 11 oz. tube, boxed	1	12	10.03	\$24.49
80011	PX	PERMATEX® FORM-A-GASKET® #2 Sealant - 11 oz. tube, boxed	1	12	9.87	\$24.02
80015	PX	PERMATEX® FORM-A-GASKET® #2 Sealant - 1.5 oz. tube, carded	1	12	1.82	\$9.29

Stock No.	Brand	Product Description	Stock Class*	Items Per Case	Gross. Wt. Per Case (lbs)	AGI LIST Price (each)
80016	PX	PERMATEX® FORM-A-GASKET® #2 Sealant - 3 oz. tube, carded	1	12	3.10	\$11.15
80017	PX	PERMATEX® Aviation FORM-A-GASKET® #3 Sealant - 16 fl. oz. bottle	1	12	15.36	\$30.71
80022	PX	PERMATEX® #6 Sensor Safe Blue LO RTV Silicone Gasket Maker - 3 oz. tube, carded	1	12	3.25	\$12.99
80045	PX	PERMATEX® #51 Pipe Joint Compound (N/A in California) - 16 oz. bottle	1	12	18.41	\$23.91
80050	PX	PERMATEX® #66 Clear Silicone Adhesive Sealant - 3 oz. tube, carded	1	12	3.25	\$13.09
80071	PX	PERMATEX® #133 Anti-Seize Lubricant - 4 oz. brush top bottle	1	12	4.57	\$18.26
80078	PX	PERMATEX® #133 Anti-Seize Lubricant - 8 oz. brush top bottle	1	12	9.33	\$32.82
80208	PX	PERMATEX® #767 Anti-Seize Lubricant - 1 lb. brush top bottle	1	12	14.19	\$55.47
80628	PX	PERMATEX® #6 Sensor Safe Blue LO RTV Silicone Gasket Maker - 12.9 oz. cartridge	1	12	11.48	\$42.17
80632	PX	PERMATEX® #14 Thread Sealant with TEFLON® - 4 oz. bottle	1	12	4.30	\$16.93
80633	PX	PERMATEX® #14 Thread Sealant with TEFLON® - 16 oz. bottle	1	12	15.43	\$38.74
80855	PX	PERMATEX® #66 Clear Silicone Adhesive Sealant - 11 oz. cartridge	1	12	10.01	\$40.19
81160	PX	PERMATEX® #26 High-Temp RTV Silicone Gasket Maker - 3 oz. tube, carded	1	12	3.25	\$16.94
81173	PX	PERMATEX® #16 Black LO Silicone Adhesive Sealant - 12.9 oz. cartridge	1	12	11.48	\$40.60
81409	PX	PERMATEX® #26 High-Temp RTV Silicone Gasket Maker - 11 oz. cartridge	1	12	9.92	\$45.91
81724	PX	PERMATEX® #77 ULTRA BLUE® Multi-Purpose Gasket Maker - 3.35 oz. tube, carded	1	12	3.50	\$18.48
81725	PX	PERMATEX® #77 ULTRA BLUE® Multi-Purpose Gasket Maker - 13 oz. cartridge	1	12	11.51	\$55.24
81860	PX	PERMATEX® #6 Sensor Safe Blue LO RTV Silicone Gasket Maker - 7.25 oz. net wt. pressurized can	1	6	4.31	\$42.48
81878	PX	PERMATEX® #101 ULTRA COPPER® Maximum Temperature Gasket Maker - 3 oz. tube, carded	1	12	3.26	\$17.80
81913	PX	PERMATEX® #66 Clear Silicone Adhesive Sealant - 7.25 oz. net wt. pressurized can	1	12	8.49	\$42.91
81915	PX	PERMATEX® #26 High-Temp RTV Silicone Gasket Maker - 7.25 oz. net wt. pressurized can	1	12	8.58	\$46.78
82080	PX	PERMATEX® ULTRA BLACK® Max Oil Resistance Gasket Maker - 8.75 oz. net wt. pressurized can	1	6	4.82	\$58.57
82180	PX	PERMATEX® ULTRA BLACK® Max Oil Resistance Gasket Maker - 3.35 oz. tube, carded	1	12	5.15	\$18.84
82194	PX	PERMATEX® #599 ULTRA GREY® Rigid Assembly Gasket Maker - 3.5 oz. tube, carded	1	12	3.59	\$19.56
82195	PX	PERMATEX® #599 ULTRA GREY® Rigid Assembly Gasket Maker - 13 oz. cartridge	1	6	5.90	\$57.78
59713	PX	PERMATEX® #101 ULTRA COPPER® Maximum Temperature Gasket Maker - 300 ml cartridge	1	6	6.00	\$59.04
85080	PX	PERMATEX® ULTRA BLACK® Max Oil Resistance Gasket Maker - 9.5 oz net wt. PowerBead™ can	1	6	5.39	\$67.31
85224	PX	PERMATEX® THE RIGHT STUFF® Instant Rubber Gasket Maker - 7.5 oz net wt. PowerBead™ can	1	6	4.63	\$72.20
85519	PX	PERMATEX® #77 ULTRA BLUE® Multi-Purpose Gasket Maker - 9.5 oz net wt. PowerBead™ can	1	6	5.32	\$62.80
85913	PX	PERMATEX® #66 Clear Silicone Adhesive Sealant - 7.25 oz net wt. PowerBead™ can	1	6	4.46	\$46.32
85915	PX	PERMATEX® #26 High-Temp RTV Silicone Gasket Maker - 7.25 oz net wt. PowerBead™ can	1	6	4.47	\$51.24
11301	EQ	DEVCON® DFense Blok™ Power Mixer with Paddle	1	1	80.50	\$7,573.83
14280	EQ	DEVCON® Mark V™ Gun (1-1 and 10-1 ratio) - use with 50ml - Applicator Gun	1	1	1.00	\$233.70
14285	EQ	DEVCON® Mark V™ 1-1 Mix Nozzle for 50ml - Mix Nozzle	1	12	1.00	\$6.11
14287	EQ	DEVCON® Mix Nozzle - use with manual dispensing gun 490ml systems .374" (10:1 ratio)	1	12	1.00	\$6.11
14409	EQ	DEVCON® Manual Gun (10-1 Co-Axial) - use with 380ml - Applicator Gun	1	1	5.00	\$633.87
14410	EQ	DEVCON® Manual Gun (1-1 ratio) - use with 400ml - Applicator Gun	1	1	4.00	\$1,133.23
15043	EQ	DEVCON® Manual Gun (4-1 ratio) - Applicator gun	1	1	4.00	\$1,314.26
15047	EQ	DEVCON® Mix Nozzle - use with 15049, 15050 - .394" dia/ 24 element	1	20	1.00	\$9.37

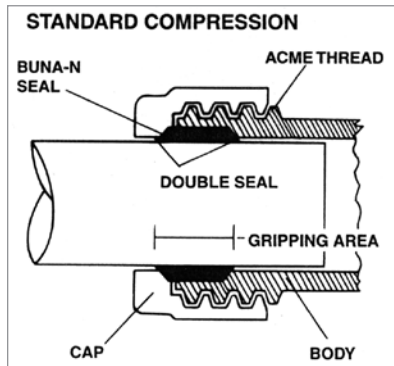
Discontinued Items (or available while supplies last)

Stock No.	Brand	Product Description	Suggested Replacement	
			Stock No	Description
14291	EQ	DEVCON® Mix Nozzle (400ml cart.) - use with pneumatic gun (1-1 only) - .25" diameter / 18 element	3333	PLEXUS® Static Mix Nozzles- 380ml 10:1 Mix
14292	EQ	DEVCON® Mix Nozzle (400ml cart.) - use with manual gun (1-1 only) - .394" diameter / 18 element	3333	PLEXUS® Static Mix Nozzles- 380ml 10:1 Mix
14293	EQ	DEVCON® Mix Nozzle (400ml cart.) - use with 380ml - .31" diameter/ 32 element	3333	PLEXUS® Static Mix Nozzles- 380ml 10:1 Mix

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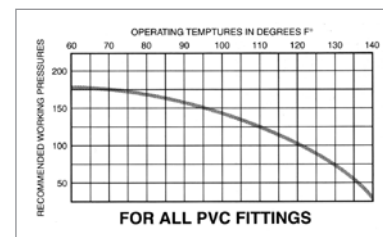


PVC Compression Fittings - IPS



PVC Compression Fitting Features:

- Iron pipe size
- For use with cold water only.
- Buna-N gasket seals
- ACME compression cap threads
- Rated at 200 PSI.



CPC Series IPS

NSF61
Annex G

UPC



CPT-T Series IPS

NSF61
Annex G



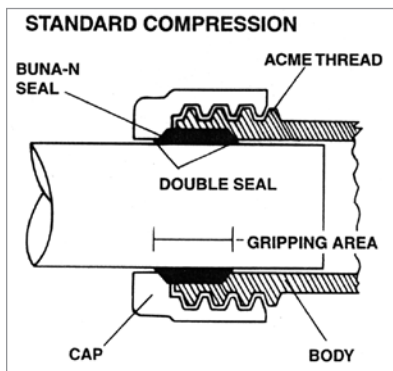
CPT-S Series IPS

NSF61
Annex G

UPC

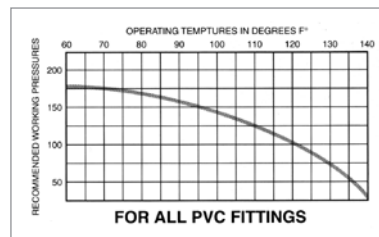
NEW Part Number	OLD Part Number	IPS Size	Body Length	Ctn Qty	List Price
PVC IPS Compression Couplings, comp x comp					
CPC0500	110-05	1/2"	4"	28	\$ 5.10
CPC0750	110-07	3/4"	4-1/4"	24	6.68
CPC1000	110-10	1"	4-1/2"	15	8.67
CPC1250	110-12	1-1/4"	5"	10	13.30
CPC1500	110-15	1-1/2"	5-1/2"	16	13.74
CPC2000	110-20	2"	6"	12	17.86
CPC2500	110-25	2-1/2"	8"	3	33.61
CPC3000	110-30	3"	9"	3	43.98
CPC4000	110-40	4"	10"	3	72.33
CPC6000	110-60	6"	10"	1	168.03
PVC IPS Threaded Tee, comp x comp x fipt					
CPT0500T	120-05	1/2"	4"	24	7.78
CPT0750T	120-07	3/4"	4-1/4"	20	10.13
CPT1000T	120-10	1"	4-1/2"	15	13.39
CPT1250T	120-12	1-1/4"	5"	15	16.94
CPT1500T	120-15	1-1/2"	5-1/2"	12	19.44
CPT2000T	120-20	2"	6"	10	27.70
PVC IPS Slip Tees, comp x comp x slip					
CPT0500S	121-05	1/2"	4"	24	7.78
CPT0750S	121-07	3/4"	4-1/4"	20	10.13
CPT1000S	121-10	1"	4-1/2"	15	13.39
CPT1250S	121-12	1-1/4"	5"	15	16.94
CPT1500S	121-15	1-1/2"	5-1/2"	12	19.44
CPT2000S	121-20	2"	6"	10	27.70

PVC Compression Fittings - IPS, CTS



PVC Compression Fitting Features:

- Iron pipe size
- For use with cold water only.
- Buna-N gasket seals
- ACME compression cap threads
- Rated at 200 PSI.



CPA Series IPS

NSF61
Annex G

UPC

NEW Part Number	Previous Part Number	IPS Size	Body Length	Ctn Qty	List Price
PVC IPS Male Adapter, comp x mipt					
CPA0750	130-07	3/4"	2 7/8"	20	\$ 5.70
CPA1000	130-10	1"	3 1/8"	30	6.64
CPA1250	130-12	1-1/4"	3 5/16"	20	7.81
CPA1500	130-15	1-1/2"	3 1/2"	16	9.29
CPA2000	130-20	2"	3 3/4"	12	12.96



CCC Series CTS

NSF61
Annex G

UPC

NEW Part Number	Previous Part Number	CTS Size	Body Length	Ctn Qty	List Price
PVC CTS Compression Coupling, comp x comp					
CCC0500	210-05	1/2"	4"	25	\$ 10.50
CCC0750	210-07	3/4"	4"	28	11.77
CCC1000	210-10	1"	4-1/4"	24	12.38
CCC1500	210-15	1 1/2"	5"	10	23.50
CCC2000	210-20	2"	6"	12	33.28



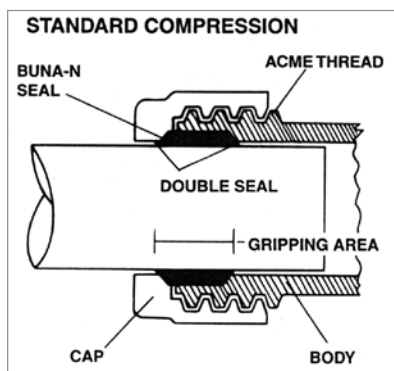
CCT Series CTS

NSF61
Annex G

PVC CTS Threaded Tee, comp x comp x fipt					
CCT0500	220-05	1/2"	4"	36	10.96
CCT0750	220-07	3/4"	4"	24	12.22
CCT1000	220-10	1"	4-1/4"	18	14.05
CCT1250	220-12	1 1/4"	4-1/2"	12	18.45
CCT1500	220-15	1 1/2"	5"	15	35.01
CCT2000	220-20	2"	6"	10	25.16



CPVC Compression Fittings - IPS & CTS



CPVC Compression Fitting Features:

- Iron pipe size & copper tube size
- For hot water use.
- Not to exceed 100 psi at 180 °F
- Buna-N gasket seals
- ACME compression cap threads
- Rated at 200 PSI.



410 Series CTS



420 Series CTS

Part Number	Size	Description	Body Length	Ctn Qty	List Price
CPVC CTS Compression Couplings, comp x comp					
410-05	1/2"	1/2" cts x 1/2" cts	4"	25	\$ 8.05
410-07	3/4"	3/4" cts x 3/4" cts	4"	28	10.66
410-10	1"	1" cts x 1" cts	4-1/2"	24	15.52
CPVC CTS Threaded Tees, comp x comp x fipt					
420-05	1/2"	1/2 cts x 1/2 cts x 1/2 fipt	4"	36	10.82

TECHNICAL DATA FOR ALL FLO CONTROL FITTINGS & VALVES

1. PVC MATERIAL SPECIFICATION: PVC Type I, Grade I, Cell class 12454-B meeting requirements of ASTM D-1784-75 is used in the manufacturing of all fittings recommended for use of potable cold water (see temperature vs. pressure chart). Not recommended for use on systems exceeding 100 psi @ 120 °F.

2. CPVC MATERIAL SPECIFICATION: CPVC Type IV, Grade I, cell Class 23447-B meeting requirements of ASTM D-1784-75 is used in the manufacturing of all fittings recommended for use on potable hot water systems in accordance with ASTM D-2846-73. Not recommended for use on systems that will exceed 100 psi @ 180 °F.

3. BUNA-N SEALS: The gasket seal material is made of high quality Buna-N elastomeric 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, Ketones, Esters, Aldehydes, chlorinated and nitro hydrocarbons. Reference chemical resistance under NBR (Nitrile) elastomers for specific listings.

4. EPDM O-RINGS: The o-ring material is made of high quality EPDM (Ethylene Propylene Copolymer) which meets the requirements of ASTM D-2000. EPDM has exceptionally good weather aging and ozone resistance, excellent water and chemical resistance and excellent aging resistance for most applications. EPDM is a polymer where oil and solvent resistance is poor. However, it is fairly good in ketones and alcohols. Reference chemical resistance under EPDM, EPT or EPR Elastomers for specific listings.

5. DOUBLE SEAL of standard compression fittings. 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.

6. 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.

7. 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 Flo 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. Compression fittings are not recommended for use on compressed air lines or natural gas lines.

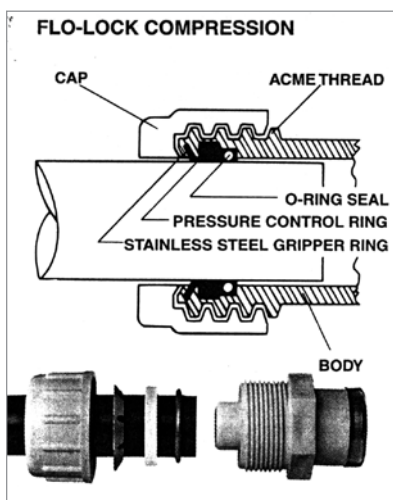
8. THREAD CONNECTIONS: Use PTFE thread seal tape on all IPS thread connections. IPS thread connections should be made hand tight plus 1/2 to 3/4 turn with a wrench.

9. 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.

10. FLO LOCK COMPRESSION ADAPTERS: Recommended for use on PVC pipe with wall thickness of SDR-26, Class 160 or greater and copper tubing. Not recommended for use on galvanized pipe unless surface is sanded smooth. The gripper ring is made of stainless steel.

11. ALL SPRINGS made of Series 300 stainless steel.

Flo-Lock Fittings - PVC & CPVC



PVC/CPVC Flo-Lock Fitting Features:

- Iron pipe and copper tube size
- For cold (PVC) or hot (CPVC) water use.
- Built in stiffener to insure grip.
- EPDM o-ring seal
- PVC ring for controlling o-ring pressure.
- Stainless steel gripping ring prevents pull-out.
- Rated at 160 psi @ 72°F.



NSF61
Annex G
UPC

135 Series IPS



NSF61
Annex G

136 Series IPS



NSF61
Annex G
UPC

235 Series CTS



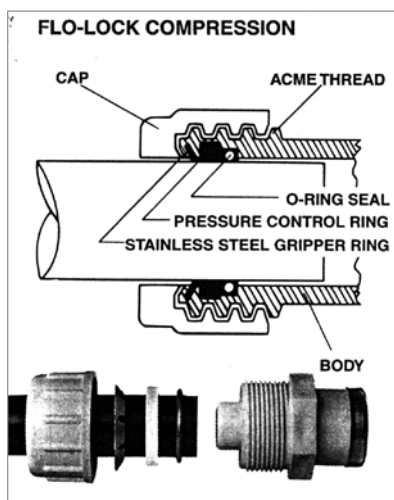
435 Series CTS

Part Number	IPS Size	IPS Connection	Ctn Qty	List Price
PVC IPS Male Adapter with Flo-Lock, flo lock x mipt				
135-05	1/2"	1/2" mipt	25	\$ 10.67
135-07	3/4"	3/4" mipt	20	12.71
135-10	1"	1" mipt	30	15.14
135-12	1-1/4"	1-1/4" mipt	20	20.38
135-15	1-1/2"	1-1/2" mipt	16	24.49
135-20	2"	2" mipt	12	31.77
PVC IPS Female Adapter with Flo-Lock, flo lock x fipt				
136-05	1/2"	1/2" fipt	25	13.06
136-07	3/4"	3/4" fipt	20	15.23
136-10	1"	1" fipt	14	17.73
136-12	1-1/4"	1-1/4" fipt	18	23.18
136-15	1-1/2"	1-1/2" fipt	16	26.48
136-20	2"	2" fipt	10	38.50

Part Number	CTS Size	IPS Connection	Ctn Qty	List Price
PVC CTS Male Adapter with Flo-Lock, flo lock x mipt				
235-05	1/2"	1/2" mipt	50	\$ 12.18
235-07	3/4"	3/4" mipt	25	12.45
235-10	1"	1" mipt	18	13.21
235-12	1-1/4"	1-1/4" mipt	24	17.90
235-20	2"	2" mipt	12	27.49
CPVC CTS Male Adapter with Flo-Lock, flo lock x mipt				
435-05	1/2"	1/2" cts x 1/2" mipt	50	11.31
435-07	3/4"	3/4" cts x 3/4" mipt	25	14.89



PVC Flo-Lock Fittings - SDR9 polyethylene pipe



NSF LISTED SE-14: ALL
Compression fittings are listed by the National Sanitation Foundation as acceptable for use with potable water.

PVC Flo-Lock Series 700 Features:

- For water service line installations.
- Use on polyethylene pipe - tube size SDR-9-160 and 200, ASTM D2737.
- Reliable connections for polyethylene or copper tube.
- PVC type I material - 160 psi at 72 °F.
- Dry pull test exceeds 400 psi.
- Quick burst test exceeds 600 psi.
- Stainless steel band to reinforce female thread.
- Not for use with compressed air or natural gas lines.



IAPMO LISTED: Listed by the International Association of Plumbing and Mechanical Officials Research Committee as meeting the requirements set forth by the Uniform Plumbing Code for potable water systems. * Female threaded fittings are no longer IAPMO approved.

Series 700 Fittings for:

Polyethylene tubing SDR-9 CTS - OD - ASTM-2666 & ASTM-2737 dimensions.

Tubing Size	Nominal OD	Nominal ID	Pressure Rating - PSI
3/4"	0.875	0.675	160
1"	1.125	0.865	160
1 1/4"	1.375	1.059	160
1 1/2"	1.625	1.253	160
2"	2.125	1.629	160



710 Series

NSF61
Annex G

UPC



730 Series

UPC



731 Series

NSF61
Annex G



733 Series

NSF61
Annex G

UPC

©Insert stiffener supplied must be used with this fitting

Part Number	Tube Size	Description	Length	Ctn Qty	List Price
PVC Couplings, ts x ts					
710-07	3/4"	3/4" x 3/4"	4"	35	\$ 25.40
710-10	1"	1" x 1"	4"	24	30.03
710-17	1"	SDR9 x 3/4" SDR11	4"	36	36.96
710-12	1 1/4"	1 1/4" x 1 1/4"	4 1/2"	15	47.24
710-15	1 1/2"	1 1/2" x 1 1/2"	5"	15	53.78
710-20 ☺	2"	2" x 2"	5"	12	72.17
PVC Male Adapters, mipt x ts					
730-07	3/4"	3/4" x 3/4"	2 5/8"	25	16.01
730-10	1"	1" x 1"	2 7/8"	18	19.50
730-15	1 1/2"	1 1/2" x 1 1/2"	3 1/2"	18	35.64
730-20	2"	2" x 2"	3 1/2"	12	57.12
730-71	3/4" x 1"	3/4" x 1"	2 7/8"	18	19.69
PVC Female Adapters, fipt x ts					
731-07	3/4"	3/4" x 3/4"	2 5/8"	25	17.73
731-10	1"	1" x 1"	2 7/8"	15	26.68
731-12	1 1/4"	1 1/4" x 1 1/4"	2 7/8"	12	34.98
731-15	1 1/2"	1 1/2" x 1 1/2"	3 1/2"	18	40.93
731-20 ☺	2"	2" x 2"	4"	12	60.47
731-71	3/4" x 1"	3/4" x 1"	2 7/8"	15	25.64
PVC Spigot Adapters, ips spigot x ts, (For use with Sch 40 PVC tees, ells)					
733-07	3/4"	3/4" x 3/4"	2 7/8"	18	15.28
733-10	1"	1" x 1"	2 7/8"	18	15.95
733-12	1 1/4"	1 1/4" x 1 1/4"	2 7/8"	12	29.42
733-15	1 1/2"	1 1/2" x 1 1/2"	3 1/2"	18	34.03
733-20 ☺	2"	2" x 2"	3 1/2"	12	54.50
733-71	3/4" x 1"	3/4" x 1"	3 1/2"	18	15.28



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www.americangranby.com

4/19/16

Couplings - Flo Span Repair, Wrenches



118 Series



Flo Span Expandable Repair Coupling Features:

- Double EPDM o-ring seal gives more protection from possible leakage due to deflection of piston in the extended position.
- EPDM o-ring seal also protects against contamination on the cylinder wall.
- Solvent cement trap located in cap to capture excess solvent cement.
- Made from PVC type I grade I material meeting ASTM D-1784
- 118 Series does not have union end.

NEW

Part Number	IPS Size	Body Length	Ctn Qty	List Price
PVC Flo-Span Expansion Couplings - NO UNION				
118-05	1/2"	5-3/4"	28	\$ 6.68
118-07	3/4"	6-3/4"	24	7.40
118-10	1"	7-3/4"	15	8.57
118-12	1-1/4"	9"	10	16.12
118-15	1-1/2"	10"	16	17.67
118-20	2"	10-1/2"	12	27.02
118-25	2-1/2"	13"	3	41.98
118-30	3"	14-1/2"	3	52.45
118-40	4"	14-1/2"	3	91.68



W Series

Part Number	For Use with Compression Sizes	Ctn Qty	List Price
Aluminum Spanner Wrenches, IPS			
W25	2-1/2" ips	1	\$ 123.94



SW Series

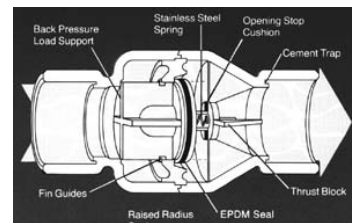
Part Number	For Use with Coupling Sizes	Ctn Qty	List Price
Adjustable Strap Wrench			
SW400	1/2" through 4"	60	\$ 19.47
SW600	1/2" through 6"	60	23.18



Check Valves - Flo Control

PVC Spring Check Valve Features:

- To stop backflow and syphoning.
- All water applications.
- Maintenance free operation.
- Tapered valve body design & enlarged valve chamber reduces chatter & turbulence.
- Raised radius valve seat, EPDM Seal for positive seal.
- Stainless steel spring load of 1/2 lb. or 2 lb.
- Solvent weld or male and female thread connections.
- 200 P.S.I. static pressure rating @ 72° F.
- Excess solvent cement trap - Designed to help prevent excess cement or softened material from entering into the body and sealing area during installation.
- NSF61 Annex G approved.



1001, 1011, 1012 Series

NSF61
Annex G



1011C Series

NSF61
Annex G



1800 Series

NSF61
Annex G

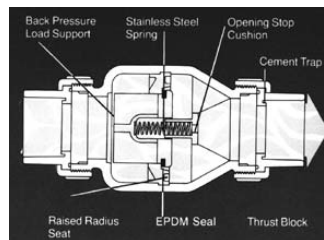
Part Number	IPS Size	Body Length	Ctn Qty	List Price
PVC Spring Check Valves (fip x fip)			Spring Tension 1/2 lb	
1001-05	1/2"	4-1/8"	20	\$ 19.07
1001-07	3/4"	4-1/8"	20	19.74
1001-10	1"	5-1/4"	20	28.61
1001-12	1-1/4"	6-3/16"	15	38.15
1001-15	1-1/2"	6-3/16"	15	40.65
1001-20	2"	7"	10	58.48
PVC Spring Check Valves (slip x slip)			Spring Tension 1/2 lb	
1011-05	1/2"	4-1/8"	20	19.07
1011-07	3/4"	4-1/8"	20	19.74
1011-10	1"	5-1/4"	20	28.61
1011-12	1-1/4"	6-3/16"	15	38.15
1011-15	1-1/2"	6-3/16"	15	40.65
1011-20	2"	7"	10	58.48
1011-25	2 1/2"		8	89.81
1011-30	3"		8	105.30
Clear				
1011C-15	1-1/2"	6-3/16"	10	52.51
1011C-20	2"	7"	10	68.25
PVC Spring Check Valve, (slip x slip)			Spring Tension 2 lbs.	
1012-10	1"		20	29.54
1012-12	1-1/4"		15	39.39
1012-15	1-1/2"		15	41.97
1012-20	2"		10	60.39
Foot Valve Screen				
1800-07	3/4"	2-2/5"	1	3.29
1800-10	1"	2-4/5"	1	3.83
1800-12	1-1/4"	3"	1	5.48
1800-15	1-1/2"	3-2/5"	1	6.61
1800-20	2"	3-4/5"	1	7.67

Check Valves - Flo Control

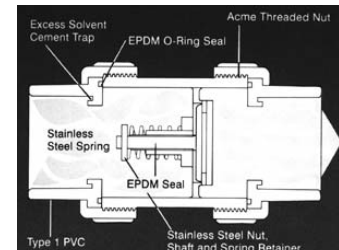


PVC True Union Spring Check Valve Features:

- Designed for easy body removal.
- Tail pieces remain in place.
- 1/2 lb. psi spring tension. 2 lb. spring tension available by special order.
- EPDM seal and o-rings.
- 200 P.S.I. static pressure rating @ 72° F.
- Stainless steel spring.
- Excess solvent cement trap.
- NSF approved.



1700 Series



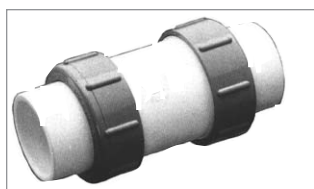
1790 Series



1700 Series



1700C Series



1790 Series



1790C Series

NSF61
Annex G

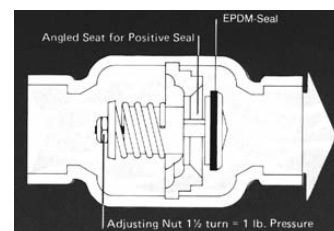
Part Number	Description	Body Length	Ctn Qty	List Price
True Union Spring Check Valves – WHITE				1/2# Spring Tension
1700-15	1 1/2" spring check	8.345"	12	\$ 48.06
1700-20	2" spring check	9.735"	12	67.42
True Union Spring Check Valves – CLEAR				1/2# Spring Tension
1700C-15	1 1/2" spring check	8.345"	12	58.59
1700C-20	2" spring check	9.735"	12	80.21
Compact True Union Spring Check Valves - WHITE				1/2# Spring Tension
1790-15	1 1/2" compact valve	6.54"	15	47.45
1790-20	2" compact valve	7.35"	10	59.89
Compact True Union Spring Check Valves - CLEAR				1/2# Spring Tension
1790C-15	1 1/2" compact valve	6.54"	15	51.64
1790C-20	2" compact valve	7.35"	10	70.33



Check Valves - Flo Control

PVC Adjustable Spring Check Valve Features:

- Use to restrain pressure in elevated pipelines.
- Ideal for preventing syphoning.
- Male or female threaded connection.
- 200 psi static pressure rating @ 72 °F.
- Adjustable from 5 lb to 15 lb spring tension to retain a column of water 12 to 36 foot head.
- EPDM seal.
- NSF61 Annex G approved.



1205 Series

NSF61
Annex G



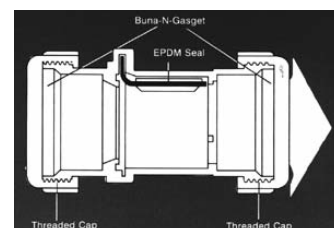
1235 Series

NSF61
Annex G

Part Number	IPS Size	Body Length	Ctn Qty	List Price
PVC Adjustable Spring Check Valves (fip x fip)				Spring Tension 5 lb
1205-05	1/2"	4-1/8"	20	\$ 21.91
1205-07	3/4"	4-1/8"	20	23.07
1205-10	1"	5-1/4"	20	30.41
1205-12	1-1/4"	6-3/16"	15	38.96
1205-15	1-1/2"	6-3/16"	15	41.49
PVC Adjustable Spring Check Valves (fip x mip)				Spring Tension 5 lb
1235-05	1/2"	4-1/8"	20	22.58
1235-07	3/4"	4-1/8"	20	23.07
1235-10	1"	5-1/4"	20	30.41

PVC SUMP CHECK Valve Features:

- Positive seal with long lasting EPDM weighted flapper and Buna-N gaskets.
- Easy installation and removal with compression seal connections. No hose clamps, cementing or threading necessary
- Allows 1 3/4" vertical movement of discharge pipe for easy removal of pump.
- Unitized body construction using spin welded process with permanent interlock of Buna-N flapper.
- Valve fits either 1 1/4" or 1 1/2" IPS size. Gaskets for both provided with each valve.
- Sump pumps with larger volume output use 1500 or 1520 series swing check. (see next page)
- Rated at 125 psi @ 72 °F.



SUMP CHECK

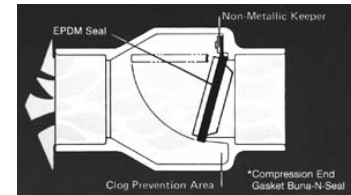
Part Number	IPS Size	Body Length	Ctn Qty	List Price
PVC Sump Check Valve				
BUNA-N gaskets are included for both the 1 1/4" and 1 1/2" applications				
SUMP CHECK	1-1/4"-1-1/2"	5 1/4"	12	\$ 32.23

Check Valves - Flo Control



PVC Swing Check Valve Features:

- No metallic parts, corrosion resistant..
- Full flow design.
- Angle seat and weighted flapper designed for low pressure seal.
- PVC weighted and shielded flapper will retain backpressure up to 125 psi.
- Iron pipe sized 1/2" - 4".
- Compression style for IPS sized plastic or metal pipe 1 1/4" - 3"
- Ideal for close working areas, easy pipe alignment.
- Compression ends can be used as union connections.
- Designed for both horizontal and vertical use.
- Pressure rated 125 psi @ 72°F.
- NSF approved.



1500 Series

NSF61
Annex G



1520 Series

NSF61
Annex G



1520C Series



1720 Series



1720C Series

Part Number	IPS Size	Body Length	Ctn Qty	List Price
PVC Swing Check Valve - WHITE comp x comp				
1500-12	1-1/4"	7-1/2"	12	\$ 42.20
1500-15	1-1/2"	7-1/2"	12	47.15
1500-20	2"	9-3/4"	12	66.35
1500-30	3"	14"	2	169.85
PVC Swing Check Valve - CLEAR comp x comp				
1500C-15	1-1/2"	7-1/2"	5	54.97
1500C-20	2"	9-3/4"	8	81.49
PVC Swing Check Valve - WHITE slip x slip				
1520-05	1/2"	4-1/2"	25	27.20
1520-07	3/4"	4-1/2"	25	27.70
1520-10	1"	5-1/8"	25	28.68
1520-12	1-1/4"	5-1/4"	12	30.51
1520-15	1-1/2"	5-3/4"	12	31.48
1520-20	2"	6"	12	48.12
1520-30	3"	9"	4	85.78
1520-40	4"	9-1/2"	4	121.20
PVC Swing Check Valve - CLEAR slip x slip				
1520C-10	1"	5-1/8"	1	39.63
1520C-12	1-1/4"	5 1/4"	1	42.03
1520C-15	1-1/2"	5 3/4"	12	45.15
1520C-20	2"	6"	12	65.09
True Union Swing Check Valves - WHITE slip x slip				
1720-15	1 1/2"		12	34.47
1720-20	2"		12	50.35
True Union Swing Check Valves - CLEAR BODY, WHITE NUTS/TAILS slip x slip				
1720C-10	1"		20	39.08
1720C-15	1 1/2"		12	49.63
1720C-20	2"		12	67.63
1720C-30	3"		20	134.13



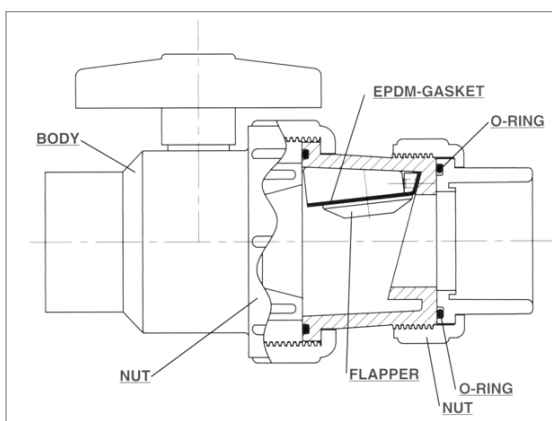
Check Valves - Flo Control



2200 Series

2200 Series Checkmate Features:

- One piece ball/check valve combination.
- Save time, labor and hassle to applications requiring in-line ball valves and check valves.
- True union or compression design allows for removal of check valve for cleaning or repairs.
- Rates at 125 psi. May be installed in vertical or horizontal position.
- Made of PVC type 1 grade 1 material meeting ASTM-D1784.

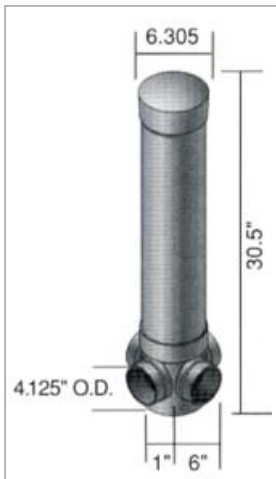


Part Number	Description	Ctn Qty	List Price
2200-15	1 1/2" Union x Slip	12	\$ 55.26
2200-20	2" Union x Slip	12	83.61
2200-15TU	1 1/2" Union x Union	12	73.20
2200-20TU	2" Union x Union	12	97.08
2200-15UC	1 1/2" Compression x Compression	12	66.84
2200-20UC	2" Compression x Compression	12	89.36

Diverter Valves, Sch 40 White Unions



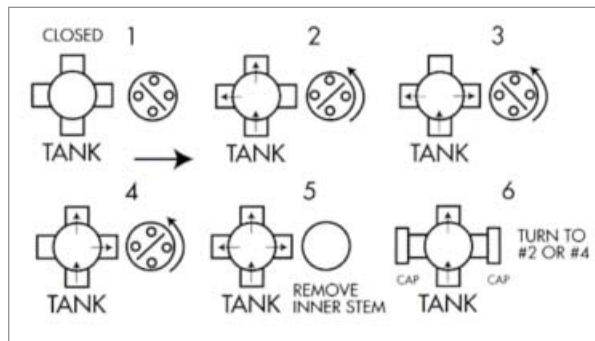
NDS
WE PUT WATER IN ITS PLACE



575 Series

Diverter Valve Features:

- For septic tank leach fields.
- Made of tough molded plastic that will not shatter, bend, rust or corrode.
- Light in weight, easier to handle and less expensive to ship.
- Stem flow may be controlled to individual or up to 3 fields in any combination. With a 3-way stem, flow may be diverted to any two outlets. To allow flow through all outlets, the valve stem may be removed from the assembly.
- ABS is IAPMO listed.



Part Number	Description	Ctn Qty	List Price
575	4" ABS Diverter Valve, Black	4	\$ 239.68
575P	4" PVC Diverter Valve, White	4	237.10



1600 Series



Part Number	IPS Size	Ctn Qty	List Price
SCHEDULE 40 - MADE IN USA			
SLIP X SLIP			
1600-15	1 1/2" Socket both ends, 2" spigot one end	24	\$ 18.12
1600-20	2" Socket both ends, 2 1/2" spigot one end	20	25.06



Check Valves - PVC Spa, By-Pass

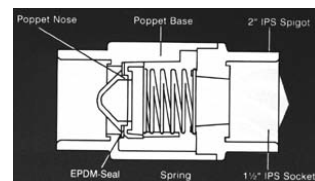


1050 Series



PVC Spa Air Valve Features:

- Drip proof seal at low pressure.
- 1 1/2" IPS deep socket connection with 2" IPS OD spigot
- Excess solvent cement trap at base of socket to help prevent solvents from entering sealing area.
- Minimum restriction of air flow, using 1/4 lb. spring resulting in less burden on blower motor.
- Domed shaped seat for even air flow.
- EPDM seal.
- Stainless steel spring.
- NSF approved.

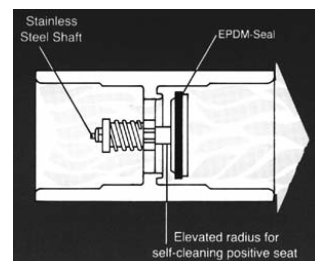


1095 Series



PVC In-Line By-Pass Check Valve Features:

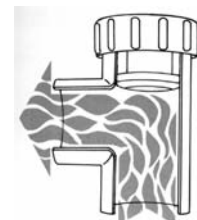
- In-line shape takes less space.
- Raised valve seat prevents excess cement of solvent from affecting the seal area.
- Poppet is equipped with EPDM seal.
- Body is made of Type 1 PVC.
- All metal parts are stainless steel.
- Valve stem is reinforced w/ full length stainless steel shaft.
- Static pressure tested: 150 psi @ 72° F. Back pressure tested at 150 psi.
- Quick burst test proves in excess of 500 psi
- 2" iron pipe size
- Valve can be used on 1-1 1/2" pipe by use of a PVC Sch 40 bushing.
- Begins to open 5 lbs - Fully open 17 lbs.
- NSF61 Annex G approved.



1901/1903 Series

CPVC 90° Spring Check Valve Features:

- Use in pool, spa applications.
- CPVC body with corrosion proof poppet.
- Spring made of 302 stainless.
- Available with 1 lb. or 3 lb. spring tension.
- NSF approved.



Part Number	IPS Size	Body Length	Ctn Qty	List Price
PVC Spa Air Valve - 1-1/2" ips socket / 2" ips o.d. spigot				
1050-20	2"	5-1/8"	12	\$ 31.48
PVC In Line By-Pass Check Valve				
1095-20	2" w/ 5# spring	5"	12	39.64
CPVC 90° Spring Check Valve, w/ stainless steel poppet				
1901-15	1 1/2" check valve, 1 lb. tension		12	98.11
1903-15	1 1/2" check valve, 3 lb. tension		12	98.11
1901-20	2" socket x 2 1/2" spigot valve, 1 lb. tension		12	98.11
1903-20	1" socket x 2 1/2" spigot valve, 3 lb. tension		12	98.11

Valves - PVC Single Union, 3-way CPVC



1350 Series

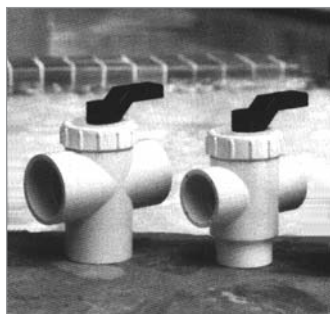


PVC Single Union Ball Valve Features:

- PVC Type 1 construction for compatibility in joining rigid PVC and flex vinyl pipes.
- **Buna "N" O-Ring seal; HDPE seats.**
- 1-1/4 deep sockets on both ends for extra cementing surface area.
- Acme thread on assembly nut prevents cross threading.
- Tee handle for quarter turn on/off with stops.
- Working pressure: 150 PSI at 72°F, 100 PSI at 120°F.
- Threaded or socket.
- Made in USA.



Part Number	Threaded/Socket	Size	Ctn Qty	List Price
1350-15	Socket	1-1/2"	12	\$ 36.85
1350-20	Socket	2"	6	59.47
1351-15	Threaded	1-1/2"	12	41.69



1930 Series

CPVC Three-Way Valve Features:

- For pool & spa applications.
- Made of CPVC plastic
- Diverts water anywhere diversion is required.
- Positive seal diverter prevents reverse flow.
- Diverter seals are made of a special lubricated EPDM material
- Available 1 1/2" - 2" slip with 2" and 2 1/2" spigot.
- Rated at 160° F, 125 PSI

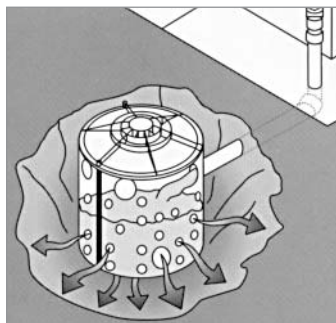


Part Number	Description	Ctn Qty	List Price
1930-15	1 1/2" slip x 2" spigot	12	\$ 92.72
1930-20	2" slip x 2 1/2" spigot	12	92.72



Flo-Well® Storm Water Leaching System

NDS
WE PUT WATER IN ITS PLACE



Flo-Well Storm Water Leaching System

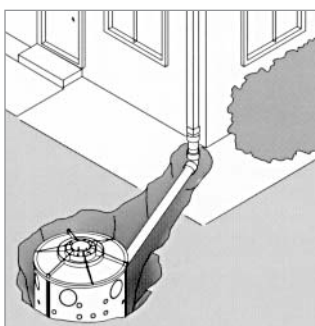
- Discharge water into the subsoil rapidly and easily.
- No need for piping systems to transport stormwater to a far-off point, large heavy equipment, considerable excavation of current landscape areas or large labor costs that those systems incur.

Materials:

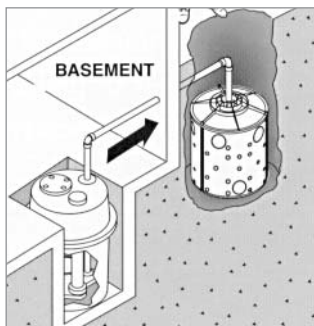
- Structural foam polyolefin with UV inhibitors.

Applications:

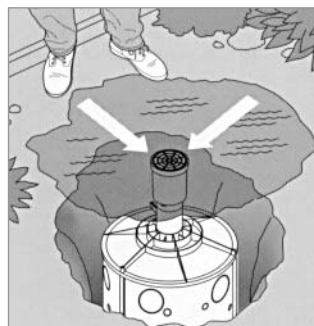
Flo-Well systems should be placed at least 10 feet from a structure or foundation.



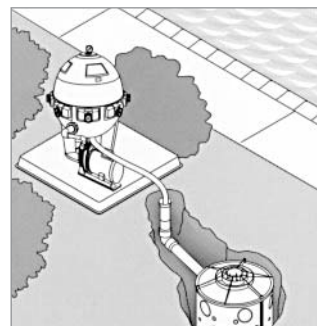
For gutters & downspouts



For sump pumps

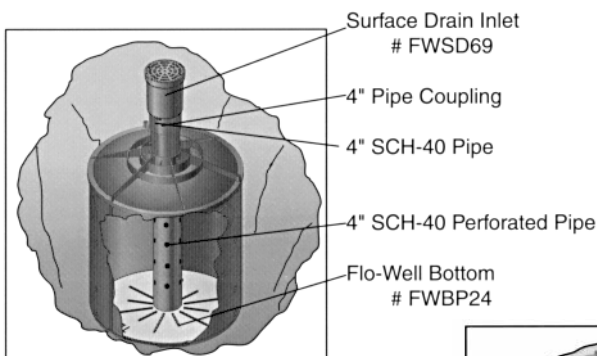


For low grade areas

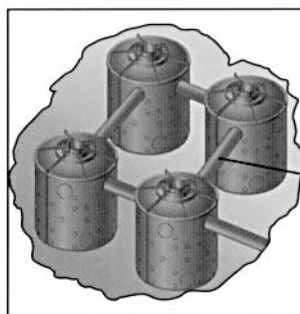


For pool backwash tanks

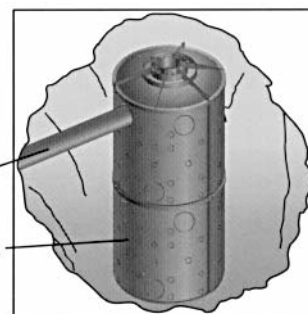
Options



For additional support

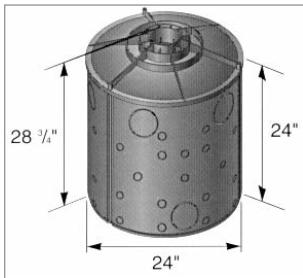


Can be connected



Can be stacked

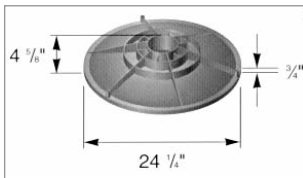
Flo-Well® Storm Water Leaching System



Flo-Well Storm water leaching system

- Includes 3 side panels, 1 top component
- 18 - 1 1/2" knockout leaching ports and 3 - 4 1/2" knockout inlet/outlet ports per panel.
- 49 gal capacity
- Fits 4" Sch 40 pipe and 4" DWV pipe

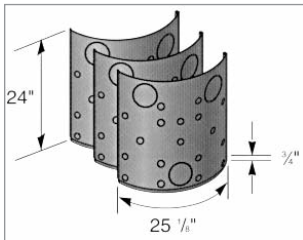
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
FWAS24	24 x 28 3/4" round system	Black	25.15	1	\$ 289.97



Flo-Well Cover

- Fits FWAS24 and FWSPS3

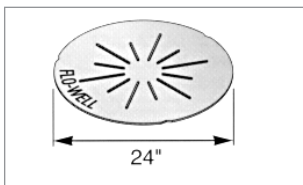
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
FWAS24C	24" dia cover	Black	8.0	2	108.59



Flo-Well Side Panels/ Extension Only

- Includes 3 side panels, 24" high, with 3/4" lip for stacking.
- Fits FWAS24
- 18 - 1 1/2" knockout leaching ports and 3 - 4 1/2" knockout inlet/outlet ports per panel.

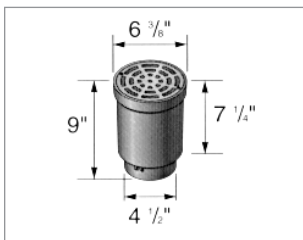
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
FWSPS3	side panels	Black	5.0	1	259.96



Flo-Well Bottom

- Six 1 1/2" leaching ports
- Fits FWAS24

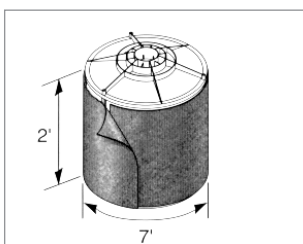
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
FWBP24	24" dia bottom	Black	3.5	5	87.97



Flo-Well Surface Drain Inlet with Grate

- 6" grate with 4" inlet.
- Fits FWAS24 and FFWAS24C, PVC Sch 40 fittings

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
FWSD69	4" Sch 40 Inlet	Black	1.85	8	98.56



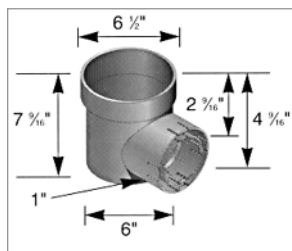
Porus Filter Fabric Wrap for FloWell

- 7' long x 2' wide to surround drywell system
- Non woven fabric
- Weight 1 oz. Mullen burst 175 psi, 200 gpm flow through.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
FWFF67	7' x 2' Porus Filter Fabric Wrap	Black	0.35	20	24.54

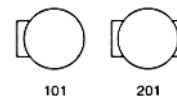


Spee-D Basins / Round Grates

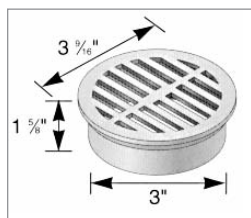


6" Spee-D Basin with 3" and 4" Locking Outlet

- Locking outlet snaps on to most 3" and 4" corrugated pipe.
- Outlets fit 3" or 4" sewer & drain pipe, corrugated pipe.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
101	1 - 3" and 4" locking outlet	Black	1.60	10	\$ 28.63
201	2 - 3" and 4" locking outlets	Black	1.90	10	28.63

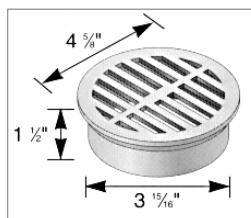


3" Round Grate

- 3" round structural foam polyolefin grate with UV inhibitor.
- Open surface area 2.6 sq. in.. 3.41 gpm
- 3/16" grate opening.
- Fits 3" sewer and drain pipe and fittings, corrugated pipe and triple wall pipe.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
14	3" round grate	Black	0.15	40	\$ 5.68
15	3" round grate	Gray	0.15	40	5.68
16	3" round grate	Green	0.15	40	5.68

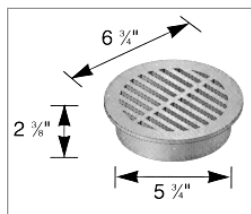


4" Round Grate

- 4" round structural foam polyolefin grate with UV inhibitor.
- Open surface area 3.85 sq. in.. 5.04 gpm
- 1/4" grate opening.
- Fits 4" sewer and drain pipe and fittings, corrugated pipe and triple wall pipe.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
11	4" round grate	Black	0.20	25	\$ 6.04
12	4" round grate	Gray	0.20	25	6.04
13	4" round grate	Green	0.20	25	6.04



6" Round Grate

- 6" round structural foam polyolefin grate with UV inhibitor.
- Open surface area 9.10 sq. in.. 11.92 gpm
- 1/4" grate opening.
- Fits Spee-D basin, 6" sewer and drain pipe and fittings, corrugated pipe.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
40	6" round grate	Black	0.80	10	\$ 16.79
50	6" round grate	Green	0.80	10	16.79
60	6" round grate	Gray	0.80	10	16.79

AGI has access to the complete line of NDS drainage products. Contact customer sales for more information and pricing.

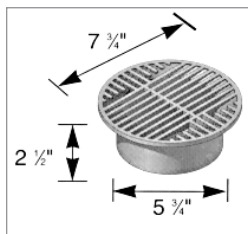


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In Canada: Phone (866) 503-5523 Fax (888) 562-2095

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9.19

Round Grates

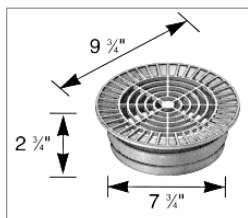


8" Round Grate

- 8" round structural foam polyolefin grate with UV inhibitor.
- Open surface area 11.50 sq. in.. 15.07 gpm
- 5/16" grate opening.
- Fits Spee-D basin, 6" sewer and drain pipe and fittings, corrugated pipe.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
10	8" round grate	Black	0.80	10	\$ 20.84
20	8" round grate	Green	0.80	10	20.84
30	8" round grate	Gray	0.80	10	20.84

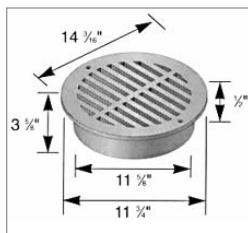


10" Round Grate

- 10" round structural foam polyolefin grate with UV inhibitor.
- Open surface area 17.46 sq. in.. 22.87 gpm
- 5/16" grate opening.
- Fits 8" sewer and drain pipe and fittings, corrugated pipe.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1040	10" round grate	Black	1.50	10	\$ 33.24
1050	10" round grate	Green	1.50	10	33.24
1060 ☺	10" round grate	Gray	1.50	10	33.24

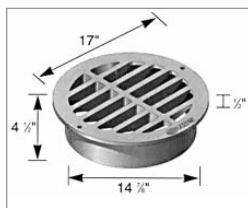


12" Round Grate

- 12" round structural foam polyolefin grate with UV inhibitor.
- Open surface area 46.00 sq. in.. 60.26 gpm
- 9/16" grate opening.
- Fits 12" sewer and drain pipe, corrugated pipe.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1240	12" round grate	Black	3.35	6	\$ 103.91
1250	12" round grate	Green	3.35	6	103.91



15" Round Grate

- 15" round structural foam polyolefin grate with UV inhibitor.
- Open surface area 85.60 sq. in.. 112.14 gpm
- 1 1/4" grate opening.
- Fits 15" sewer and drain pipe and fittings, corrugated pipe.



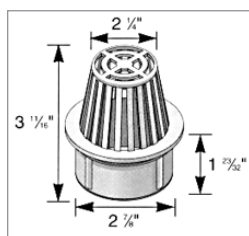
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1511	15" round grate	Black	6.15	1	\$ 200.41
1512	15" round grate	Green	6.15	1	200.41

☺ Non-stock item, available on a special order basis.

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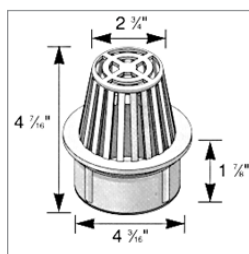
Atrium Grates



3" Atrium Grate

- 3" Flat top structural foam polyolefin atrium grate with UV inhibitor.
- Open surface area 9.5 sq. in.. 12.45 gpm
- 1/4" grate opening.
- Fits 3" sewer and drain pipe and fittings, corrugated pipe and triple wall pipe.

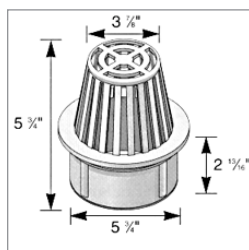
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
70	3" atrium grate	Green	0.25	20	\$ 13.31
72 ☺	3" atrium grate	Gray	0.25	20	13.31
74	3" atrium grate	Black	0.25	20	13.31



4" Atrium Grate

- 4" Flat top structural foam polyolefin atrium grate with UV inhibitor.
- Open surface area 14.5 sq. in.. 19.0 gpm
- 1/4" grate opening.
- Fits 4" sewer and drain pipe and fittings, corrugated pipe and triple wall pipe.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
75	4" atrium grate	Green	0.30	20	\$ 20.05
76 ☺	4" atrium grate	Gray	0.30	20	20.05
78	4" atrium grate	Black	0.30	20	20.05



6" Atrium Grate

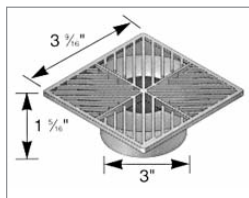
- 6" Flat top structural foam polyolefin atrium grate with UV inhibitor.
- Open surface area 25.5 sq. in.. 33.41 gpm
- 1/4" grate opening.
- Fits Spee-D basin, 6" sewer and drain pipe and fittings, corrugated pipe.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
80	6" atrium grate	Green	0.70	10	\$ 26.87
81 ☺	6" atrium grate	Gray	0.70	10	26.87
90	6" atrium grate	Black	0.70	10	26.87

☺ Non-stock item, available on a special order basis.

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Square Grates

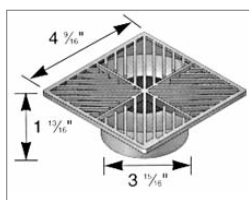


4" Square Grate

- 4" square structural foam polyolefin grate with diagonally converging pattern with UV inhibitor.
- Open surface area 3.45 sq. in.. 4.52 gpm
- 3/16" grate opening.
- Fits 3" sewer & drain pipe and fittings, corrugated pipe and triple wall pipe.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
01	4" square grate	Green	0.11	40	\$ 7.54
02	4" square grate	Black	0.11	40	7.54

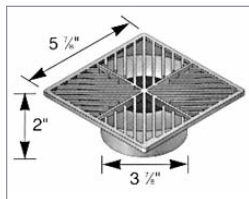


5" Square Grate

- 5" square structural foam polyolefin grate with diagonally converging pattern with UV inhibitor.
- Open surface area 4.25 sq. in.. 5.57 gpm
- 3/16" grate opening.
- Fits 4" sewer & drain pipe and fittings, corrugated pipe and triple wall pipe.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
07	5" square grate	Green	0.20	25	\$ 8.29
08	5" square grate	Black	0.20	25	8.29

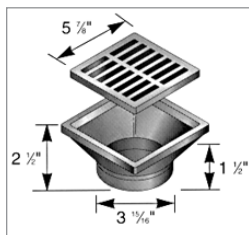


6" Square Grate

- 6" square structural foam polyolefin grate with diagonally converging pattern with UV inhibitor.
- Open surface area 10.40 sq. in.. 13.62 gpm
- 1/4" grate opening.
- Fits 3" or 4" sewer & drain pipe, corrugated pipe and triple wall pipe.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
04	6" square grate	Black	0.40	10	\$ 11.97
05	6" square grate	Green	0.40	10	11.97



6" x 6" x 4" Square Grate and Adapter

- 6" x 6" low profile adapter and structural foam polyolefin removable grate with UV inhibitor & stainless steel screws.
- Open surface area 13.61 sq. in.. 17.83 gpm
- 1/4" grate opening.
- Fits 3" or 4" sewer & drain pipe and fittings, corrugated pipe and triple wall pipe.

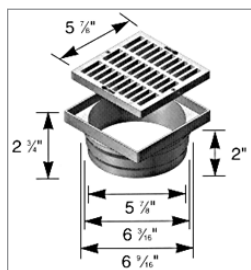


Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
640	6" x 6" x 4" square grate & adapter	Black	0.88	8	\$ 39.79
641	6" x 6" x 4" square grate & adapter	Green	0.88	8	39.79

AGI has access to the complete line of NDS drainage products. Contact customer sales for more information and pricing.



Square Grates

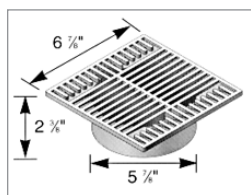


6" x 6" x 6" Square Grate and Adapter

- 6" x 6" low profile adapter and structural foam polyolefin removable grate with UV inhibitor & stainless steel screws.
- Open surface area 13.61 sq. in.. 17.83 gpm
- 1/4" grate opening.
- Fits Spee-D basin, 6" sewer & drain pipe and fittings.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
637	6" x 6" x 6" square grate & adapter	Black	0.88	8	\$ 39.79
639	6" x 6" x 6" square grate & adapter	Gray	0.88	8	39.79

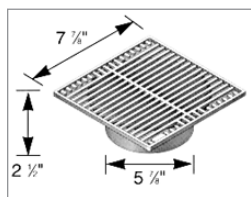


7" Square Grate

- 7" square structural foam polyolefin grate with UV inhibitor.
- Open surface area 13.60 sq. in.. 17.83 gpm
- 1/4" grate opening.
- Fits Spee-D basin, 6" sewer & drain pipe and fittings, corrugated pipe.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
771	7" square grate	Black	0.70	10	\$ 19.07
772	7" square grate	Green	0.70	10	19.07
773	7" square grate	Gray	0.70	10	19.07

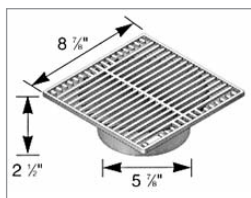


8" Square Grate

- 8" square structural foam polyolefin grate with UV inhibitor.
- Open surface area 17.16 sq. in.. 22.48 gpm
- 1/4" grate opening.
- Fits Spee-D basin, 6" sewer & drain pipe and fittings, corrugated pipe.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
881	8" square grate	Black	0.80	10	\$ 19.93
882	8" square grate	Green	0.80	10	19.93



9" Square Grate

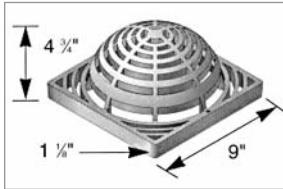
- 9" square structural foam polyolefin grate with UV inhibitor.
- Open surface area 28.40 sq. in.. 37.20 gpm
- 5/16" grate opening.
- Fits Spee-D basin, 6" sewer & drain pipe and fittings, corrugated pipe.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
950	9" square grate	Green	1.90	10	\$ 30.26
960	9" square grate	Gray	1.90	10	30.26

AGI has access to the complete line of NDS drainage products. Contact customer sales for more information and pricing.

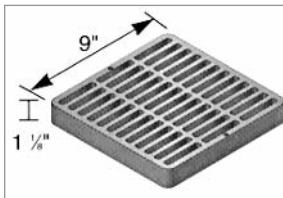
9" Catch Basin Series



9" Catch Basin Atrium Grate

- 9" structural foam polyolefin dome atrium grate with UV inhibitor.
- Open surface area 30.28 sq in.. 39.67 gpm.
- 3/8" grate opening.
- Use with 9" x 9" catch basin series.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
981	9" x 9" atrium grate	Black	0.87	6	\$ 60.90
991	9" x 9" atrium grate	Green	0.87	6	60.90

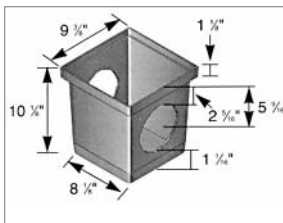


9" Catch Basin Square Grate

- 9" square structural foam polyolefin grate with UV inhibitor.
- Open surface area 39.50 sq in.. 51.75 gpm.
- 7/16" grate opening.
- Use with 9" x 9" catch basin series.



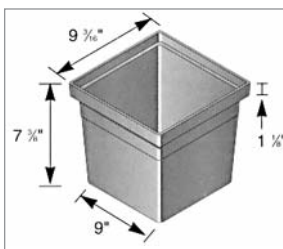
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
980	9" x 9" square grate	Black	1.50	8	\$ 51.22
990	9" x 9" square grate	Green	1.50	8	51.22
999	9" x 9" square grate	Gray	1.50	8	51.22



9" x 9" Tapered Catch Basin

- Requires universal outlet (1206, 1242, 1243, 1245, 1266 or 1889) for each opening.

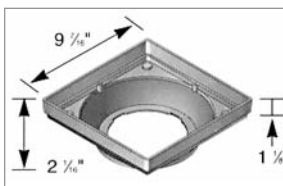
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
900	9" x 9" catch basin 2-opening	Black	3.00	4	\$ 39.62
900-4	9" x 9" catch basin 4-opening	Black	2.00	4	47.32



6" Riser for 9" x 9" Catch Basin

- Bottomless
- Use with 9" x 9" catch basin series

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
916	9" x 9" catch basin riser	Black	1.75	4	\$ 39.77



9" x 9" Low Profile Adapter

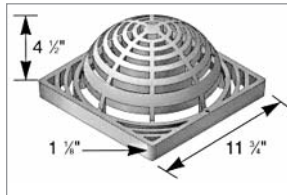
- Bayonet bottom outlet.
- Requires universal outlet (1243, 1245, 1266, 1889).
- Fits corrugated, sewer and drain pipe.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
930	9" x 9" low profile adapter	Black	0.75	8	\$ 36.75

AGI has access to the complete line of NDS drainage products. Contact customer sales for more information and pricing.



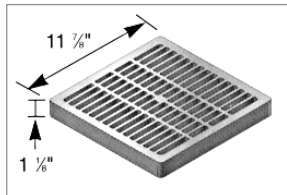
12" Catch Basin Series



12" x 12" Atrium Grate

- 12" structural foam polyolefin dome atrium grate with UV inhibitor.
- Open surface area 60.00 sq. in.. 78.60 gpm.
- 3/8" grate opening.
- Use with 12" x 12" catch basin series.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1280	12" x 12" atrium grate	Green	2.00	8	\$ 89.45
1290	12" x 12" atrium grate	Black	2.00	8	89.45

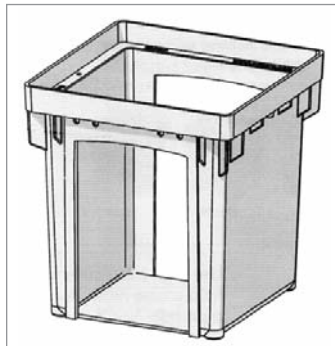


12" x 12" Square Grate

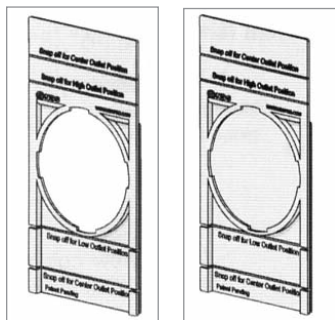
- 12" square structural foam polyolefin grate with UV inhibitor or heavy duty cast iron.
- Open surface area 50.76 sq. in. 66.50 gpm.
- Cast Iron open surface area 59.5 sq. in.. 77.95 gpm.
- 3/8" grate opening.
- Use with 12" x 12" catch basin series.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1210	12" x 12" square grate	Gray	2.00	8	\$ 76.00
1211	12" x 12" square grate	Black	2.00	8	76.00
1212	12" x 12" square grate	Green	2.00	8	76.00
1213	12" x 12" Cast Iron square grate	Black	7.00	1	\$ 223.59



1200NGB

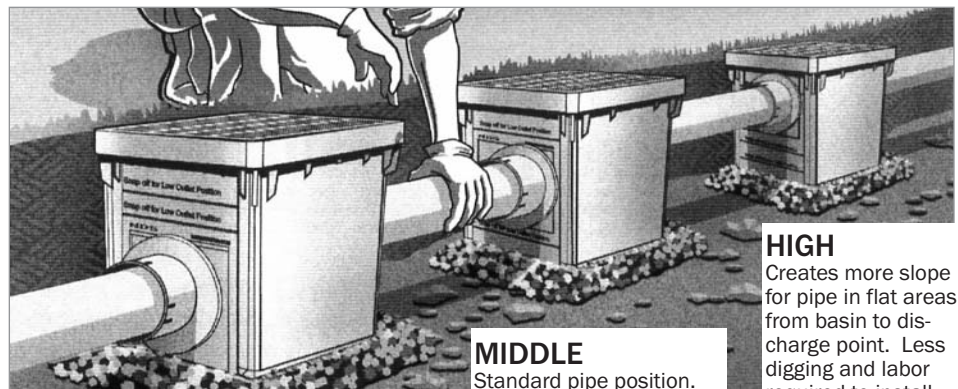


1207

1208

Next Generation Catch Basin

- Adjustable height inlet and outlets; just snap off slide tabs.
- Kit includes catch basin with 2 open slides.
- Faster and easier to install.



LOW

Reduces standing water in the bottom of the basin, especially in clay soils where water won't drain out of the bottom.

MIDDLE

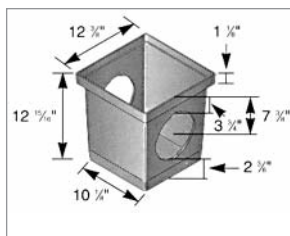
Standard pipe position. Pipe inlet/outlet connects to the middle of the basin.

HIGH

Creates more slope for pipe in flat areas from basin to discharge point. Less digging and labor required to install pipe.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1200GBKIT	12" catch basin kit w/ 2 slides	Black	4.65	4	\$ 88.96
1200NGB	12" catch basin	Black	3.45	4	77.13
1207	Open Slide for 1200NGB	Black	.60	8	6.95
1208	Plug Slide for 1200NGB	Black	.76	8	6.95

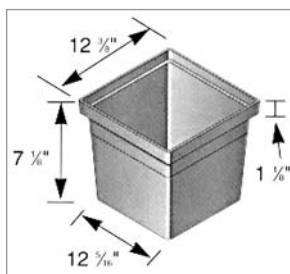
12" Catch Basin Series



12" x 12" Tapered Catch Basin

- Requires universal outlet (1206, 1242, 1243, 1245, 1266, or 1889) for each opening.
- Use bottom cutout for additional outlet.

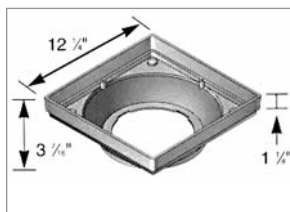
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1200	12" x 12" catch basin 2-opening	Black	4.25	4	\$ 67.69
1203	12" x 12" catch basin 3-opening	Black	3.75	4	89.69
1204	12" x 12" catch basin 4-opening	Black	3.75	4	94.55



6" Riser for 12" x 12" Catch Basin

- Bottomless
- Use with 12" x 12" catch basin series

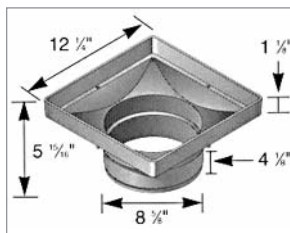
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1216	12" x 12" catch basin riser	Black	2.75	8	\$ 40.79



12" x 12" Low Profile Adapter

- Bayonet bottom outlet
- Requires universal outlet for connection to 3", 4" or 6" sewer and drain or corrugated pipe.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1230	12" x 12" low profile adapter	Black	1.25	5	\$ 49.12



12" x 12" Square Low Profile Adapter

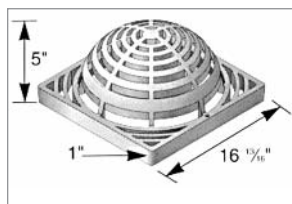
- Fits 8" sewer and drain pipe
- Use with #1222 spigot adapter to adapt to 8" corrugated pipe.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1221	12" x 12" low profile adapter	Black	1.92	12	\$ 61.95
1222	12" x 12" low profile spigot adapter	Black	1.92	12	61.95

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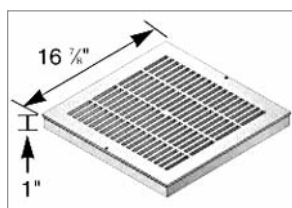
18" Catch Basin Series



18" x 18" Atrium Grate

- 18" structural foam polyolefin dome atrium grate with UV inhibitor.
- Open surface area 64.51 sq. in.. 84.51 gpm.
- 1/2" grate opening.
- Use with 18" x 18" catch basin series.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1881	18" x 18" atrium grate	Black	3.50	4	\$ 176.70
1891	18" x 18" atrium grate	Green	3.50	4	176.70

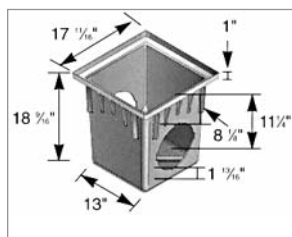


18" x 18" Square Grate

- 18" square structural foam polyolefin grate with UV inhibitor.
- Open surface area 104.00 sq. in.. 136.24 gpm.
- 7/16" grate opening.
- Use with 18" x 18" catch basin series.



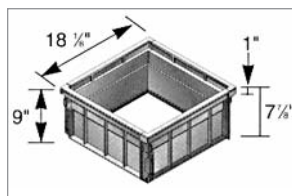
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1810	18" x 18" square grate	Gray	5.50	4	\$ 246.53
1811	18" x 18" square grate	Black	5.50	4	246.53
1812	18" x 18" square grate	Green	5.50	4	246.53



18" x 18" One Piece Tapered Catch Basin

- Requires universal outlet for each opening.
- Includes 2 or 4 #1890 reducing rings.

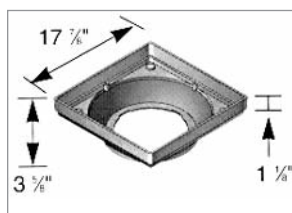
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1882	18" 1 piece catch basin 2-openings	Black	10.00	4	\$ 371.64
1884	18" 1 piece catch basin 4-openings	Black	9.50	4	390.11



8" Riser for 18" x 18" Catch Basin

- Use with 18" one piece or expandable catch basins.
- 7 7/8" nesting height.
- Assembly required. Includes 4 riser sides.
- NOTE: Use roof tar or silicone to seal joints.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1816	8" catch basin riser	Black	6.00	1	\$ 178.00



18" x 18" Low Profile Adapter

- Bayonet bottom outlet.
- Includes #1890 reducer ring.
- Requires universal outlet (1243, 1245, 1266, or 1888).
- Fits corrugated pipe and sewer and drain pipe.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1830	18" x 18" low profile adapter	Black	4.75	4	\$ 148.00

AGI has access to the complete line of NDS drainage products. Contact customer sales for more information and pricing.



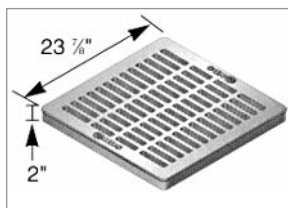
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24" Catch Basin Series

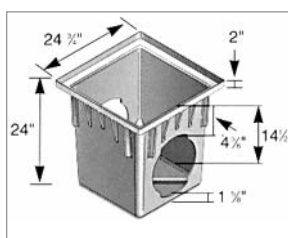


24" x 24" Square Grate

- 24" square structural foam polyolefin grate with UV inhibitor.
- Open surface area 231.69 sq. in.. 303.51 gpm.
- 7/8" grate opening.
- Use with 24" x 24" catch basin series.



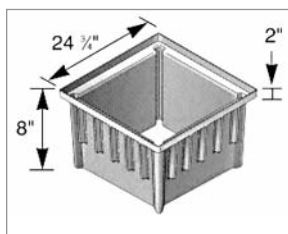
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
2411	24" x 24" square grate	Black	9.00	4	\$ 643.95
2412	24" x 24" square grate	Green	9.00	4	643.95



24" x 24" One Piece Tapered Catch Basin

- Requires 2 or 4 #2410 universal outlets.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
2400	24" 1 piece catch basin 2-opening	Black	18.00	4	\$ 680.74
2404	24" 1 piece catch basin 4-opening	Black	15.00	4	783.94



8" Extension for 24" x 24" Catch Basin

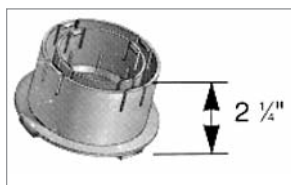
- Bottomless
- Use with 24" x 24" catch basin series

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
2418	24"x 24" catch basin extension	Black	14.00	10	\$ 450.47

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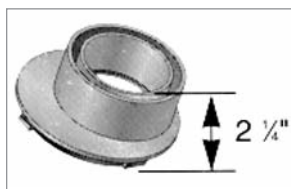
Catch Basin Universal Outlets



3" and 4" Universal Locking Outlet

- New locking outlet snaps on to most 3" and 4" corrugated pipe.
- Fits 3" & 4" corrugated pipe and sewer & drain pipe and triple wall pipe, 4" sch 40 pipe.
- Use with 9", 12", 18" and 24" (with #2410) catch basin series and adapters.

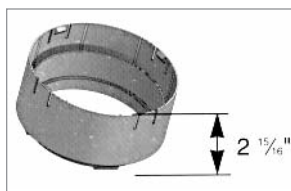
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1243	3" & 4" universal locking outlet	Black	0.70	20	\$ 10.34



3" and 4" Offset Universal Outlet

- Fits 3" & 4" corrugated pipe and sewer & drain pipe, 4" sch 40 pipe and triple wall pipe.
- Allows for adjustable inlet height.
- Use with 9", 12", 18" and 24" (with #2410) catch basin series.

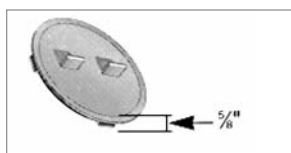
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1245	3" & 4" offset universal outlet	Black	0.55	20	\$ 11.07



6" Universal Locking Outlet

- New locking outlet snaps on to most 3" and 4" corrugated pipe.
- Fits 6" corrugated pipe and sewer & drain pipe.
- Use with 9", 12", 18" and 24" (with #2410) catch basin series and adapters.

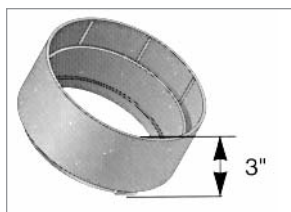
Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1266	6" universal locking outlet	Black	0.75	20	\$ 12.41



6" Universal Plug Adapter

- Use with 9", 12", 18" and 24" (with #2410) catch basin series.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1206	6" universal plug adapter	Black	0.35	20	\$ 8.29



8" Universal Outlet

- Fits 8" corrugated pipe and sewer & drain pipe.
- Use with 18" and 24" (with #2410) catch basin series.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1888	8" universal outlet	Black	1.25	8	\$ 25.80

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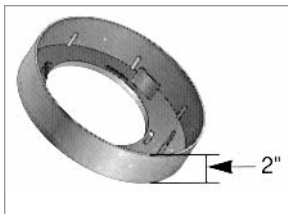


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Catch Basin Universal Outlets

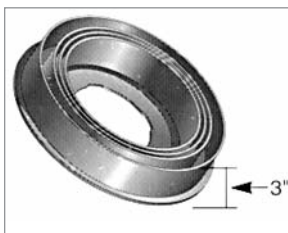


8" Offset Universal Adapter

- Fits 8" corrugated pipe and sewer & drain pipe.
- Use with 12" catch basin series.
- Use with #1890 reducer ring for 18" catch basin series.
- Reducer ring required on #1821 basin side, 18" catch basin series to adapt to universal outlets (#1206, 1243, 1245, 1266 or 1889.)



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
1889	8" offset universal outlet	Black	0.80	10	\$ 29.16
1890	Universal outlet reducer ring	Black	0.50	8	14.11



10" and 12" Universal Adapter

- Includes universal outlet reducer ring (#1890).
- Fits 10" and 12" corrugated pipe and sewer & drain pipe.
- Fits 3", 4", 6" and 8" corrugated, sewer & drain pipe, 4" Sch. 40 pipe by using corresponding adapter.
- Use with 24" catch basins.

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
2410	10" and 12" universal adapter	Black	5.50	2	\$ 73.60



Swivel Fitting / Drainage Emitter

NDS
WE PUT WATER IN ITS PLACE



4PVAF

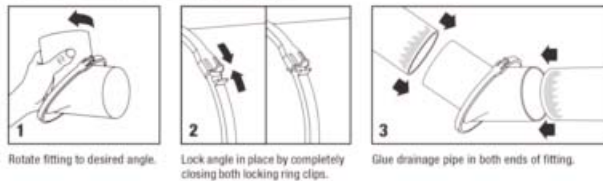


Swivel Fit® Variable Angle Fitting

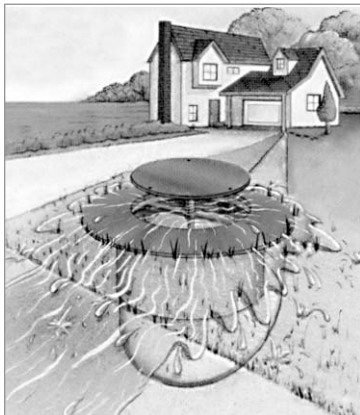
- Multiple fittings in one. Can be set and locked in place to any angle from 0° to 90°.
- Convenient for misaligned pipes and routing around corners and obstacles.
- Patent pending design.
- Installs in 3 easy steps.
- Fits 4" drain pipe SDR-35, Triple wall and ASTM-D2729.
- Not for sewer use.



Installation in 3 easy steps.



Part Number	Description	Ctn Qty	List Price
4PVAF	Swivel Fit Fitting	12	\$ 71.43



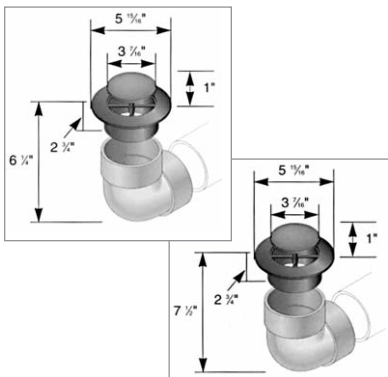
The Pop-Up Drainage Emitter is an easy, safe & efficient solution.

It allows water to be diverted and released to water-safe areas away from structures, erosion-prone landscapes and poor drainage areas.

- It allows water captured by grates, catch basins, channel drains, downspouts and roof gutter systems to flow through the drainage pipe and away from structural foundations to safe or useful areas. For example, water can be routed from a low area next to a foundation to a water safe area such as a curb-side drainage system.
- It is opened by the hydrostatic pressure of water flowing through the drain pipe. As flow diminishes the emitter closes again. The special patented design allows the emitter to open with a negligible amount of pressure. Since the emitter is closed during dry weather, debris and rodents cannot enter the drain pipes.
- It does not rise high enough to interfere with mowers.
- It blends into the surrounding landscapes.

3" and 4" Emitter

- 3" and 4" PVC pop-up drainage emitter.
- Center drive pop-up with UV inhibitor.
- PVC 90° elbow with 1/4" drain hole.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
321	3" emitter with elbow	Green	0.60	25	\$ 37.41
421	4" emitter with elbow	Green	0.85	20	43.69

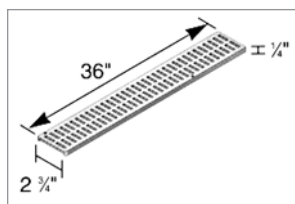




Mini Channel™ Drains

Mini Channel™ Drain Features:

- Patented
- Low-cost alternative to Speed Channel.
- Excellent for light duty applications including residential pools, patios, spas and tennis courts.

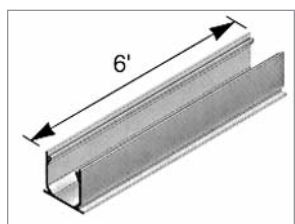


3' Channel Grate

- Structural foam polyolefin channel grate with UV inhibitors.
- Open surface area 11.3 sq. in.. 14.8 gpm per foot.
- 1/4" x 5/16" grate opening.
- Requires 4 screws per grate.

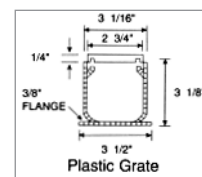


Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
541	3' channel grate	Gray	0.688	48 ft	\$ 30.20
542	3' channel grate	Green	0.688	48 ft	30.20
543	3' channel grate	Black	0.688	48 ft	30.20
544	3' channel grate	Sand	0.688	48 ft	30.20
551	3' channel grate	Brick Red	0.688	48 ft	30.20



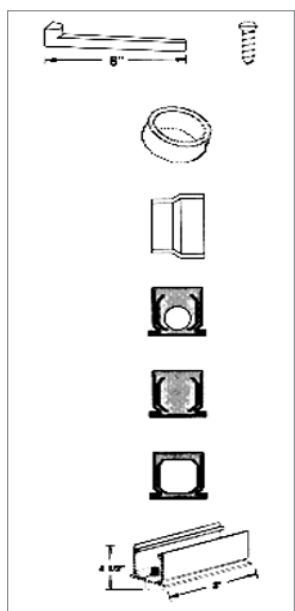
6' Mini Channel Drain

- 6' PVC Mini channel drain with inverse flying buttress design, bottom flange, patented honeycomb reinforced walls and UV inhibitor.
- Grates should be recessed 1/8" below finish grade in non traffic applications. Grate should be recessed 1/4" in traffic applications.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
500-6	6' Mini Channel Drain	Gray	4.00	48 ft	\$ 91.56

Mini Channel™ Drain Accessories:



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
529	Stainless Steel Screws type FH-#4 x 3/8"	Steel	0.10	64	\$ 0.56
230	6" channel installation stake	Gray	0.40	24	2.04
532	2" Sch 40 hub to 3" S&D spigot adapter	White	0.20	20	41.75
533	2" Sch 40 hub to 4" S&D spigot adapter	White	0.35	20	38.04
546	Spigot end outlet for 2" Sch. 40 pipe	Gray	0.30	10	15.99
547	3" Channel end cap	Gray	0.15	20	12.65
548	3" Channel Coupling	Gray	0.20	20	13.19
550	3' channel w/ 2" Sch 40 spg bottom outlet	Gray	2.17	6	61.61

AGI has access to the complete line of NDS drainage products. Contact customer sales for more information and pricing.

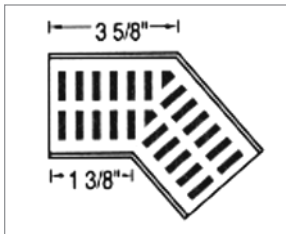


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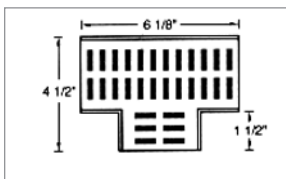
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Mini Channel™ Drains



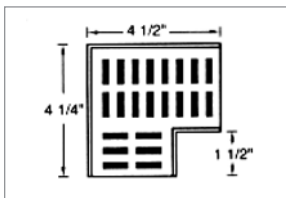
Fabricated 45° Elbow with Grate

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
5300	Fabricated 45° elbow w/ grate	Gray	0.40	1	\$ 50.71
5301 ☺	Fabricated 45° elbow w/ grate	Green	0.40	1	50.71
5302 ☺	Fabricated 45° elbow w/ grate	Black	0.40	1	50.71
5303 ☺	Fabricated 45° elbow w/ grate	Sand	0.40	1	50.71
5304 ☺	Fabricated 45° elbow w/ grate	Brick Red	0.40	1	50.71



Fabricated Tee with Grate

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
5370	Fabricated tee w/ grate	Gray	0.50	1	\$ 49.27
5371 ☺	Fabricated tee w/ grate	Green	0.50	1	49.27
5372 ☺	Fabricated tee w/ grate	Black	0.50	1	49.27
5374 ☺	Fabricated tee w/ grate	Brick Red	0.50	1	49.27



Fabricated 90° Elbow with Grate

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
5380	Fabricated 90° elbow w/ grate	Gray	0.40	1	\$ 52.43
5383 ☺	Fabricated 90° elbow w/ grate	Sand	0.40	1	52.43
5384 ☺	Fabricated 90° elbow w/ grate	Brick Red	0.40	1	52.43

☺ Non-stock item, available on a special order basis.

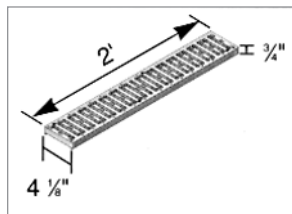
AGI has access to the complete line of NDS drainage products. Contact customer sales for more information and pricing.



Spee-D Channel™ Drains

Spee-D Channel™ Drain Features:

- Patented.
- Ideal for commercial as well as residential applications.
- Effective in everything from patios to light vehicular traffic areas.

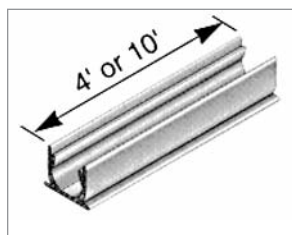


2' Channel Grate

- 2' Structural foam polyolefin secured channel grate with UV inhibitors.
- Open surface area 19.3 sq. in..
- 3/8" x 3 1/4" grate opening.
- Requires 4 screws per grate.

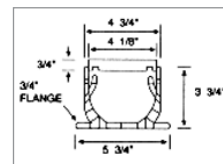


Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
241	2' channel grate	Gray	1.42	24 ft	\$ 43.06
242	2' channel grate	Green	1.42	24 ft	43.06
243	2' channel grate	Black	1.42	24 ft	43.06
244	2' channel grate	Sand	1.42	24 ft	43.06
251	2' channel grate	Brick Red	1.42	24 ft	43.06



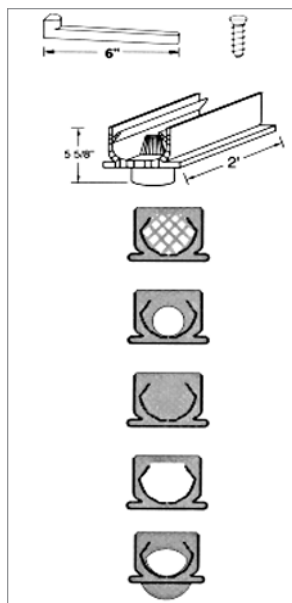
4' Channel Drain

- 4' PVC Spee-D channel drain with inverse flying buttress design, bottom flange, patented honeycomb reinforced walls and UV inhibitor.
- Grate should be recessed 1/8" below finish grade in non traffic applications. Grate should be recessed 1/4" in traffic applications.
- 10' Length ships via truck only.



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
400	4' Channel Drain	Gray	4.83	24 ft	\$ 60.63
400-10	10' Channel Drain *	Gray	1.10	60 ft	153.31

Spee-D Channel™ Drain Accessories:



Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
229	Stainless Steel Screws	Steel	0.06	48	\$ 0.78
230	6" channel installation stake	Gray	0.40	24	2.04
234	2' fabricated 3" & 4" spigot bottom outlet w/ strainer. Fits 3" or 4" S&D ftg. Grate not included	Gray	2.67	1	66.87
245	Channel strainer coupling	Gray	0.35	20	16.49
246	2" Sch. 40 spigot end outlet	Gray	0.40	10	15.51
247	Channel end cap	Gray	0.40	10	12.53
248	Channel Coupling	Gray	0.40	20	12.65
249	3" & 4" offset end outlet Connects to 3" S&D pipe, 4" S&D fittings	Gray	0.50	10	14.80

AGI has access to the complete line of NDS drainage products. Contact customer sales for more information and pricing.



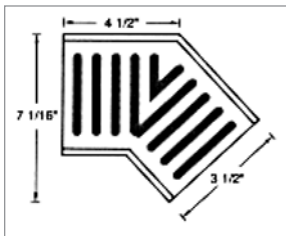
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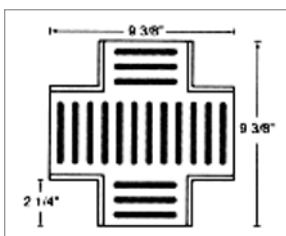
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Spee-D Channel™ Drains



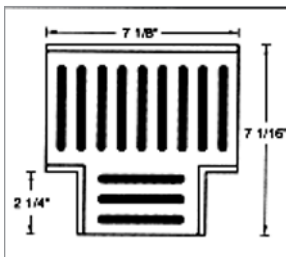
Fabricated 45° Elbow with Grate

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
2301	Fabricated 45° elbow w/ grate	Gray	2.0	1	\$ 97.63
2302 ☺	Fabricated 45° elbow w/ grate	Green	2.0	1	97.63
2303 ☺	Fabricated 45° elbow w/ grate	Black	2.0	1	97.63
2305 ☺	Fabricated 45° elbow w/ grate	Brick Red	2.0	1	97.63



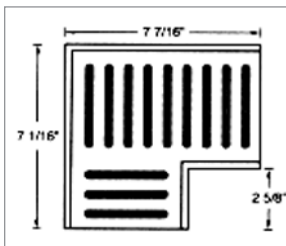
Fabricated Cross with Grate

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
2361	Fabricated cross w/ grate	Gray	3.0	1	\$ 139.38
2362 ☺	Fabricated cross w/ grate	Green	3.0	1	139.38
2364 ☺	Fabricated cross w/ grate	Sand	3.0	1	139.38
2365 ☺	Fabricated cross w/ grate	Brick Red	3.0	1	139.38



Fabricated Tee with Grate

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
2371	Fabricated tee w/ grate	Gray	3.0	1	\$ 103.26
2372 ☺	Fabricated tee w/ grate	Green	3.0	1	103.26



Fabricated 90° Elbow with Grate

Part Number	Description	Color	Weight lbs.	Ctn Qty	List Price
2381	Fabricated 90° elbow w/ grate	Gray	3.0	1	\$ 82.59
2382 ☺	Fabricated 90° elbow w/ grate	Green	3.0	1	82.59
2385 ☺	Fabricated 90° elbow w/ grate	Brick Red	3.0	1	82.59

☺ Non-stock item, available on a special order basis.

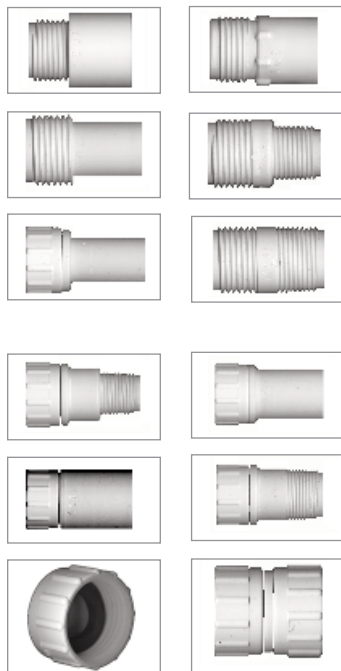
AGI has access to the complete line of NDS drainage products. Contact customer sales for more information and pricing.



Irrigation Installation Accessories

Garden Hose Thread Fittings

- Material: PVC Type I White, or brass



Part Number	Size	Connections	Ctn Qty	List Price
Garden Hose Thread Fittings - MALE				
MHT-101	3/4" x 1/2"	MHT x Slip	25/200	\$ 1.10
MHT-102	3/4" x 1/2"	MHT x FIPT	25/200	1.10
MHT-103	3/4"	MHT x Slip	25/200	1.10
MHT-104	3/4" x 1/2"	MHT x MIPT	25/200	1.10
MHT-105	3/4" x 1/2"	MHT x Spigot	25/200	1.10
MHT-106	3/4"	MHT x MIPT	25/200	1.10
Garden Hose Thread Fittings - FEMALE				
FHT-201	3/4" x 1/2"	FHT x Spigot	25/200	1.70
FHT-202	3/4" x 1/2"	FHT x Slip	25/200	1.70
FHT-203	3/4" x 1/2"	FHT x MIPT	25/200	1.70
FHT-204	3/4"	FHT x MIPT	25/200	1.70
FHT-205	3/4"	FHT x Slip	25/200	1.70
FHT-206	3/4"	FHT x FIPT Swivel	25/200	1.70
BFHT-206	3/4"	FHT x FIPT Swivel BRASS	5/60	29.81
FHT-207	3/4"	FHT x FHT swivel	20/500	1.70
FHT-301	3/4"	FHT CAP	25/200	0.73

Irrigation Installation Accessories



NO LEAD Bronze Float Valve Features:

- NO LEAD bronze body
- Buna-N Disc
- Heavy Duty
- Tapped for 1/4"-20SAE rod
- Threaded outlet
- Rated at 125 psi
- Third party certified to NSF/ANSI 372.



BFV Series

Part Number	Size	Inlet	Outlet	Tapped	Ctn Qty	List Price
NO LEAD BRONZE						
BFVNL1/2	1/2"	1/2" mpt	1/2" mpt	1/4"-20SAE	10/100	42.69
BFVNL3/4	3/4"	3/4" mpt	3/4" mpt	1/4"-20SAE	10/80	44.14
BFVNL1	1"	1" mpt	1" mpt	1/4"-20SAE	10/40	68.65



BFVR Series

Stainless Steel Rods Features:

- Stainless Steel SAE
- Male thread both ends
- Third party certified to NSF/ANSI 372.



Part Number	Length	Thread	Fits Valve Size	Ctn Qty	List Price
BFVR8	8"	1/4"-20SAE	1/2" - 1"	50/400	\$ 6.62
BFVR10	10"	1/4"-20SAE	1/2" - 1"	50/300	7.67
BFVR12	12"	1/4"-20SAE	1/2" - 1"	50/300	8.59



BFVFP Series

Plastic Float Features:

- PVC, Corrosion resistant.
- Lightweight
- Up to 175°F
- For open tank service only
- Bronze or NO LEAD bronze threaded connection.
- Third party certified to NSF/ANSI 372.



Part Number	Float Diam.	Buoyancy	Female Connection	Ctn Qty	List Price
BFVFP8	8"	9.87 lbs.	1/4"-20SAE	20	31.08
NO LEAD BRONZE					
BFVFPNL5	5"	2.17 lbs.	1/4"-20SAE	100	21.23
BFVFPNL6	6"	3.8 lbs.	1/4"-20SAE	100	25.00
BFVFPNL8	8"	9.87 lbs.	1/4"-20SAE	20	31.08

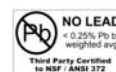


Saddle Tees - PVC for Rigid Plastic Pipe



Clamp-It™ PVC Saddle Tees for Rigid Pipe Features:

- Use for turf and irrigation systems, golf courses, athletic fields.
- Use for water service lines, mines, landfills.
- Provides full and equal support around the entire circumference of the pipe.
- Easy to install hinge and clamping wedge eliminates need for metal screws.
- Made of high impact type II PVC.
- EPDM O-ring seal.
- Rated at 200 PSI at 72 °F.
- For use on cold water lines only, 2" - 8" PVC.



Clamp-It™ PVC Saddle Tee



1. Place saddle on desired location and mark. Drill hole according to Drill Chart and deburr.



2. Place saddle over hole and attach easy clamping hinge around pipe.



3. Apply wedge half way by hand and finish off with a slight tap of a rubber mallet. Ideal for new installations or additions.



4. Saddle should be pressure tested prior to burial to assure system integrity. Long lasting EPDM o-ring seal assures a leak free installation. Note: wedge does not need to be flush with saddle body to seal.

Saddle Drill Sizes:

Outlet size	Drill Size
over 2 1/2" pipe	
3/4" IPS Slip & Fipt	3/4"
1" IPS Slip & Fipt	1"
1 1/4" IPS Slip & Fipt	1 1/4"
1 1/2" IPS Slip & Fipt	1 3/8"

* For 2 1/2" IPS saddle with a 2" outlet - Drill size must be 1 3/4" due to pipe restriction.

Part Number	IPS Pipe Size	Tap Size	Ctn Qty	List Price
Clamp-It™ PVC Saddle Tees				
421507	1 1/2	3/4 fipt	5	\$ 45.68
421510	1 1/2	1 fpt	5	45.68
422007	2	3/4 fipt	5	52.91
422010	2	1 fipt	5	54.64
422012	2	1-1/4 fipt	5	54.64
422015	2	1-1/2 fipt	5	54.64
432010	2	1 slip	5	48.89
432012	2	1-1/4 slip	5	48.89
432015	2	1-1/2 slip	5	48.89
422507	2-1/2	3/4 fipt	5	62.51
422515	2-1/2	1-1/2 fipt	5	62.51
422520	2-1/2	2 fipt	5	62.51
432510	2-1/2	1 slip	5	66.28
432515	2-1/2	1-1/2 slip	5	66.28
432520	2-1/2	2 slip	5	66.28

See next page for 3" - 8" CLAMP IT Saddle Tees.

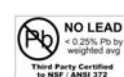
Saddle Tees - PVC for Rigid Plastic Pipe



Part Number	IPS Pipe Size	Tap Size	Ctn Qty	List Price
453007	3	3/4 slip	5	\$ 66.28
453010	3	1 slip	5	66.28
453012	3	1-1/4 slip	5	66.28
453015	3	1-1/2 slip	5	66.28
453020	3	2 slip	5	66.28
443007	3	3/4 fipt	5	74.70
443010	3	1 fipt	5	74.70
443012	3	1-1/4 fipt	5	74.70
443015	3	1-1/2 fipt	5	74.70
443020	3	2 fipt	5	74.70
454007	4	3/4 slip	5	84.93
454010	4	1 slip	5	84.93
454015	4	1-1/2 slip	5	84.93
454020	4	2 slip	5	84.93
444007	4	3/4 fipt	5	91.12
444010	4	1 fipt	5	94.07
444012	4	1-1/4 fipt	5	94.07
444015	4	1-1/2 fipt	5	94.07
444020	4	2 fipt	5	94.07
456007	6	3/4 slip	5	137.11
456010	6	1 slip	5	137.11
456015	6	1-1/2 slip	5	137.11
456020	6	2 slip	5	132.83
446007	6	3/4 fipt	5	137.11
446010	6	1 fipt	5	137.11
446012	6	1-1/4 fipt	5	137.11
446015	6	1-1/2 fipt	5	137.11
446020	6	2 fipt	5	132.32
458010	8	1slip	5	166.40
458015	8	1-1/2 slip	5	166.40
458020	8	2 slip	5	161.20
448007	8	3/4 fipt	5	166.40
448010	8	1 fipt	5	166.40
448020	8	2 fipt	5	161.20



Clamp-It™ PVC
Saddle Tee



Part Number	Description	Ctn Qty	List Price
WEDGE 225	Wedge, Fits 2" and 2-1/2" Saddles	1	\$ 7.71
WEDGE 380	Wedge, Fits 3" and 4" Saddles	1	8.46
WEDGE 480	Wedge, Fits 6" and 8" Saddles	1	8.27

Replacement O-rings available for all size PVC Saddle Tees.
Contact your customer service representative for sizing and pricing.



Funny Pipe, MARLEX™ Fittings



Swing Riser Fittings for Funny Pipe

- For use with Funny Pipe and other thick walled 1/2" ID tubing.
- Use in drip irrigation, home sprinkler systems & other residential irr. applications.
- Spiral barb design allows quicker twist-on installation.
- Made of Celcon® plastic resin providing long term durability.

Part Number	Size	Connections	Ctn Qty	List Price
90° Elbow				
SRE1/2	1/2" x 1/2"	MIPT x funny pipe barb (FPB)	100/1500	\$ 0.35
SRE3/4	3/4" x 1/2"	MIPT x FPB	50/1000	0.35
Male Adapter				
SRMA1/2	1/2" x 1/2"	MIPT x FPB	100/500	0.35
SRMA3/4	3/4" x 1/2"	MIPT x FPB	50/500	0.35
Coupling				
SRC1/2	1/2" x 1/2"	FPB x FPB	50/500	0.35
Tee				
SRT1/2	1/2" x 1/2"	FPB x FPB x FPB	50/250	0.95

Lasco Swing Riser Fittings for Funny Pipe with Double Helix design

Part Number	Size	Connections	Ctn Qty	List Price
90° Elbow				
3300-005	1/2" x 1/2"	MIPT x funny pipe barb	500	\$ 0.71
3300-007	3/4" x 1/2"	MIPT x funny pipe barb	500	0.71
Male Adapter				
3400-005	1/2" x 1/2"	MIPT x funny pipe barb	100	0.76
3400-007	3/4" x 1/2"	MIPT x funny pipe barb	100	0.76



TRANSITION FITTINGS MARLEX™ STREET ELBOWS

- Ideal for use in swing joints.
- More than 27% heavier than other elbows, providing added strength & durability.

Part Number	Size	Connection	Ctn Qty	List Price
MSE1/2	1/2" x 1/2"	mipt x fipt	50/500	\$ 0.36
MSE3/4	3/4" x 3/4"	mipt x fipt	25/350	0.66
MSE1	1" x 1"	mipt x fipt	25/100	1.02



Transition Fittings for Irrigation Applications

- Save money on material and labor cost.
- Faster, easier installation.
- Retaining spikes to prevent movement on Dawn fittings.
- Double helix design on LASCO fittings.



LASCO Double Helix / KWIKADAPT SW Series Fitting Features:

- One piece design to go from Poly to swing/funny pipe.
- Use instead of a combo insert tee and a swing elbow.
- Available in 3/4" and 1".
- LASCO double helix fitting pipe connection.



LASCO Double Helix
SW Series

Part Number	Description	Ctn Qty	List Price
LASCO - Poly to Swing/Funny Pipe Double Helix Design			
1429-099	3/4" Insert x Swing /Funny Pipe Coupling	10	\$ 1.81
1429-129	1" Insert x Swing /Funny Pipe Coupling	10	1.89
1401-099	3/4" Insert x Swing/Funny Pipe Tee	10	1.97
1401-129	1" Insert x Swing/Funny Pipe Tee	10	2.13

Swing Joint Assemblies, Poly Swing Pipe



SWING JOINT ASSEMBLIES

- Fully assembled swing assemblies with funny pipe.
- Includes marlex elbow.
- Available in additional lengths or without marlex elbow by special order.

Part Number	Size x Length	Connection	Ctn Qty	List Price
SA125050	1/2" x 1/2" x 12"	mipt x mipt (marlex ell)	50	\$ 2.73
SA125075	1/2" x 3/4" x 12"	mipt x mipt (marlex ell)	50	3.17
SA127575	3/4" x 3/4" x 12"	mipt x mipt (marlex ell)	50	3.27



POLY SWING PIPE

- Highly flexible.
- Use with swing riser fittings for a flexible swing joint assembly.
- LLDPE for increased flexibility.
- Up to 100 psi working pressure at 72°F.
- Shrink wrapped coils.



Part Number	Size	Ctn Qty	List Price
PSP50-100	1/2" x 100' roll	1	\$ 60.54



Direct Bury Splice Connectors

3M® DBO/B-6 and DBR/Y-6 Direct Burial Splice Connector Features:



ISO 9002



HDBR/Y-6 Splice Tube and Connector



Specifications:

Maximum voltage rating:
600 volts.

UL Listed, File No. E102356

UL Listed 98U1

UL Standard 486D

Application temperature:
32°F to 120°F

Operating temperature:
-40°F to 221°F.

Construction:

Tube: Impact and UV

Resistant Polypropylene

Grease: 711B (DBO) Mineral Oil
Based, EG3 (DBR)

O/B+ or R/Y+ Connector: Steel
Spring, Flame Retardant
Insulator

UL Listed for Direct Burial, Rated for 600V.

Replaces existing 3M DBY, DBR, DBY6, DBR6, DBR/Y.

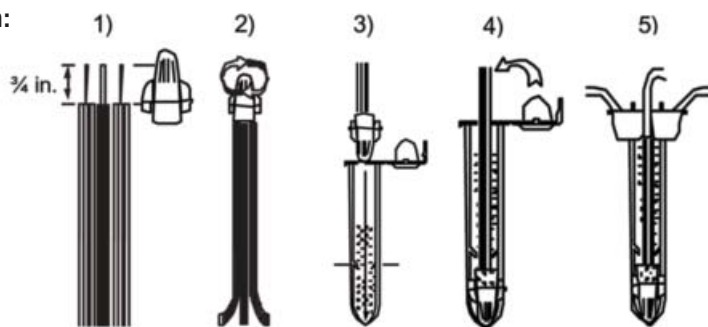
- Electrically connects two or more pre-stripped copper wires
- Provides moisture seal of the connections for the direct burial.
- Ideal for splicing wires and cables in irrigation and low voltage lighting systems.
- For residential, commercial, golf and other green industry applications.
- Smaller profile DBO/B-6 Series connectors are used when a larger size range of wires is not needed.
- May be installed above or below ground, inside a valve box or buried next to a valve-in-head sprinkler or light fixture.
- Not recommended for submersible applications.
- Each kit includes a 3M Performance Plus quick biting wire connector O/B+ or R/Y+ and a high impact, UV resistant polypropylene tube prefilled with moisture-resistant grease.
- The gel filled tube includes a lid that compresses the wire insulation when closed. This applies pressure, known as "strain relief" that keeps the connection inside the tube when the wires are pulled-upon. The connector tube includes channels for three sets of wires.
- 3M Electrical products are manufactured for AGI in an ISO 9002 facility.

Common AWG Wire Combinations - CV only

DBO		DBR	
2-3 #16 sol/str	1 #18 to 1-2 #14 sol/str	2 - 7 #18	1-3 #12 w/ 1 #18
2-3 #14 sol/str	1 #18 to 1-2 #12 sol/str	2 - 6 #16	1-2 #10 w/ 1 #18
2 #12 sol/str	1 #16 to 1-2 #14 sol/str	2 - 4 #14	1-3 #12 w/ 1 #16
1 #14 to 1 #12 sol/str	1 #16 to 1-2 #12 sol/str	2 - 4 #12	1-2 #10 w/ 1 #12
		2 - 3 #10	1-2 #14 w/ 1 #18

See complete chart of combinations on reverse.

Installation:



Part Number	Description	Ctn Qty	Pallet Qty	List Price
CHDBO/B-6	3M® Direct Bury Splice Kit, Bulk	100		\$ 3.13
HDBO/B2-6	3M® Direct Bury Splice Kit, 2 per package	25		7.54
CHDBR/Y-6	3M® Direct Bury Splice Kit, Bulk	100	7500	3.40
HDBR/Y2-6	3M® Direct Bury Splice Kit, 2 per package	25	-	8.16



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In Canada: Phone (866) 503-5523 Fax (888) 562-2095

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- The connectors accept a multitude of direct burial copper wire combinations, as listed in the tables below.

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Electrical Installation Accessories



SSP314



3M® SSP Series Insulation Displacement Connector

Features:

- Used to electrically connect two or three wire ends & insulate the connection.
- #22-#14 AWG range on SSP314. SSP314 is UL and CSA listed.
- #22-#16 AWG range on SSP316.
- Also used for pigtail 2- and 3-wire splicing.
- Connector provides a moisture-resistant seal and is flame retardant.



LV9000

Tom King Harmony Snaplock Wire Connector Features:

- Gel-filled 100% waterproof.
- Double o-ring, double-latch locking system.
- For low voltage connections.



Part Number	Description	Ctn Qty	List Price
SSP314	3M® Insulation Displacement Connectors #22-#14 AWG	1000	\$ 1.98
SSP316	3M® Insulation Displacement Connectors #22-#16 AWG	300	1.85
Snaplock Gel-filled Wire Connector			
LV9000	Small- fits two #24 - seven #18 AWG	24/720	1.80
LV9500	Large - Fits two #18 - three #10 & one #18 AWG	12/432	2.34



82-A

Scotchcast™ 82-A Series Inline Resin Splice Kit Features:

- Insulate and seal single conductor, unshielded cable splices & multiple conductor cables.
- Connector is not included.

Part Number	Conductor	Cable OD	Conn OD	Ctn Qty	List Price
82-A2	2-3/0 AWG	1"	0.625"	10	\$ 154.21



VL1

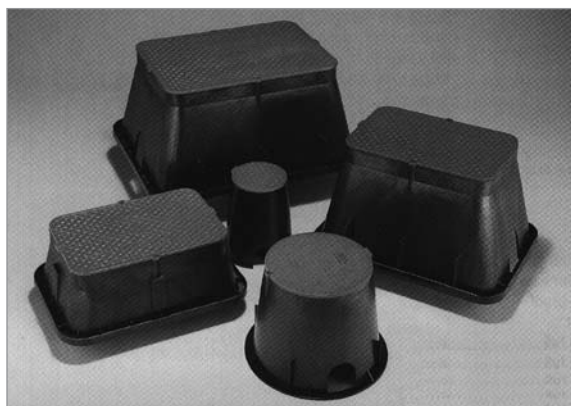
CLICK-IT™ Valve Locator Features:

- Water resistant.
- Compact design.
- For location of solenoid valve quickly and easily.
- Practical and cost effective.

Part Number	Description	Ctn Qty	List Price
VL1	Click-It Valve Locator	10	\$ 142.11

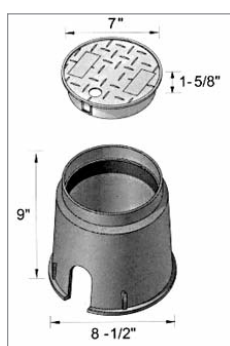


Valve Boxes

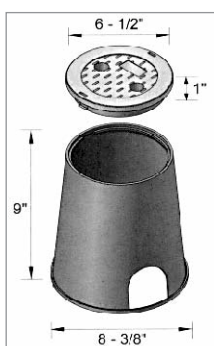


Valve Box Features:

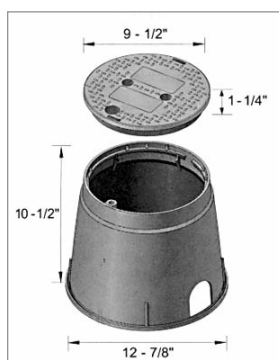
- Bodies made from structural polyolefin.
- Covers made with UV inhibitors to prevent discoloration and deterioration.
- Nestable for easy storage.
- 10" round and all rectangular boxes include brass insert so bolts may be added for easy lock down.
- ICV cover design, green covers for water applications.



6" Round Economy

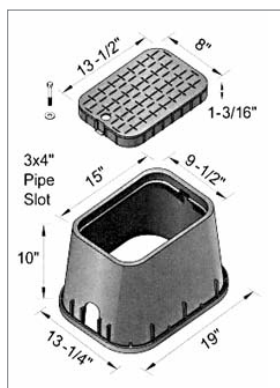


6" Round



10" Round Box

Part Number	Description	Pallet Qty	List Price
6" Round Economy Box with overlapping lip snap-on green cover			
D109-G	Box w/ cover	600	\$ 6.93
D109GL	Cover only	1	3.42
6" Round Box with overlapping lip snap-on green cover			
107BCH	Box w/ cover	250	7.82
107CH	Cover only	1	4.20
107BCS	Box w/ sewer cover	250	8.86
107BC	ICV Box w/ cover	250	7.31
107C	ICV cover only	800	3.24
10" Round Box with bayonet twist-on overlapping lip green cover			
111BC	Box w/ cover	180	19.42
111C	Cover Only	1	9.36
111BCS	Box w/ sewer cover	180	23.57

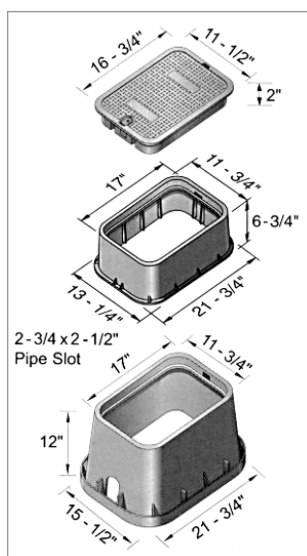


10" Standard Rectangular Box

10" x 15" Standard Rectangular Valve Box

- Standard drop-in green cover

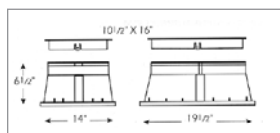
Part Number	Description	Pallet Qty	List Price
10" x 15" Rectangular Valve Box			
D1000-SG	10" x 15" Box w/ Cover	96	\$ 33.71
D1000-SGL	Cover Only	1	12.82



12" x 17" Standard Rectangular Valve Box

- Overlapping lip snap-on green cover

Part Number	Description	Pallet Qty	List Price
12" x 17" Standard Rectangular Valve Box			
113BC	12" x 17" Box w/ cover	78	\$ 41.77
113C	Cover Only	1	25.70
113-6	Extension - no cover	49	30.18



6" Tapered Box

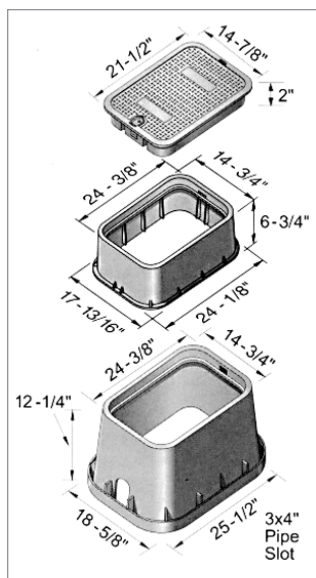
12" x 17" x 6" Tapered Low Profile Rectangular Valve Box

- Overlapping lip snap-on green cover

Part Number	Description	Pallet Qty	List Price
12" x 17" x 6" Tapered (Low Profile) Rectangular Box			
115TBC	12" x 17" x 6" Tapered Box w/ cover	96	\$ 40.19
115	12" x 17" x 6" Tapered Extension w/ cover	49	38.75



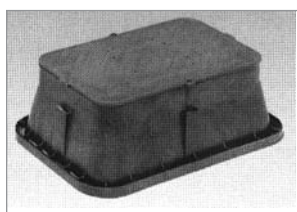
Valve Boxes



12" x 20" Jumbo Rectangular Valve Box

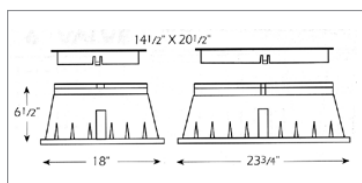
- Overlapping lip snap-on green cover
- "Water Meter" labeled cover available.

Part Number	Description	Pallet Qty	List Price
12" x 20" Jumbo Rectangular Valve Box			
117BC	12" x 20" Jumbo Box w/ cover	56	\$ 79.39
217C	Jumbo cover only	1	48.35
117CW	Jumbo Black "WATER METER" cover only	1	61.69
117B	12" x 20" Jumbo Box only	56	66.73
117-6	Jumbo Extension - no cover	32	60.57

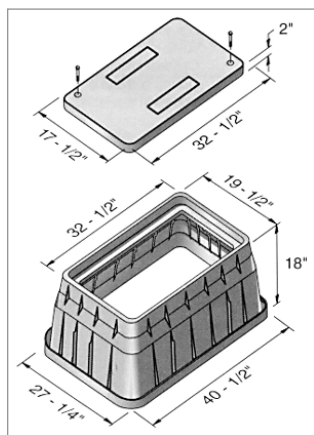


12" x 20" x 6" Tapered Low Profile Jumbo Valve Box

- Overlapping lip snap-on green cover



Part Number	Description	Pallet Qty	List Price
12" x 20" x 6" Tapered Low Profile Jumbo Valve Box			
119TBC	12" x 20" x 6" Tapered Jumbo Box w/ cover	56	\$ 69.44
119	12" x 20" x 6" Tapered Jumbo Extension w/ cover	32	104.25



17" x 30" x 18" Jumbo Rectangular Valve Box

- Overlapping lip green cover
- Locking stainless steel bolt

Part Number	Description	Pallet Qty	List Price
17" x 30" x 18" Jumbo Rectangular Box			
126BCB	17" x 30" x 18" Jumbo Box w/ cover	10	\$ 611.82





Expandable Repair Couplings



118 Series



Flo Span Expandable Repair Coupling Features:

- Double EPDM o-ring seal gives more protection from possible leakage due to deflection of piston in the extended position.
- EPDM o-ring seal also protects against contamination on the cylinder wall.
- Solvent cement trap located in cap to capture excess solvent cement.
- Made from PVC type I grade I material meeting ASTM D-1784
- 118 Series does not have union end.

NEW

Part Number	IPS Size	Body Length	Ctn Qty	List Price
PVC Flo-Span Expansion Couplings - NO UNION				
118-05	1/2"	5-3/4"	28	\$ 6.68
118-07	3/4"	6-3/4"	24	7.40
118-10	1"	7-3/4"	15	8.57
118-12	1-1/4"	9"	10	16.12
118-15	1-1/2"	10"	16	17.67
118-20	2"	10-1/2"	12	27.02
118-25	2-1/2"	13"	3	41.98
118-30	3"	14-1/2"	3	52.45
118-40	4"	14-1/2"	3	91.68



PSC Series



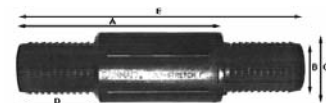
Poly-Stretch Repair Coupling Features:

- For repair of polyethylene irrigation pipe.
- Avoid extra digging and buckled pipe.
- Couplings are made of ABS
- O-ring seal is made of Buna 70
- Pressure rated at 160 psi.
- Designed for irrigation operation pressures of polyethylene pipe and more.

Instructions for Installation:

- Cut out approximately 4" of pipe where repair is needed.
- Place clamps over ends of pipe
- Insert end marked with "END FIRST" arrow by pushing and turning at same time.
- Insert other end by pushing & turning.
- Place clamps over ribbed ends & tighten.

Dimensions:



	A	B	C	D	E
3/4"	4.0	.575	.820	1.50	5.625
1"	4.0	.770	1.075	1.50	5.625
1 1/4"	5.0	1.109	1.415	1.755	6.70
1 1/2"	5.0	1.310	1.63	1.755	6.70
2"	5.0	1.825	2.125	1.755	6.70

Part Number	Description	Ctn Qty	List Price
PSC07	3/4" Poly-stretch coupling	50	\$ 11.99
PSC10	1" Poly-stretch coupling	50	12.54
PSC12	1 1/4" Poly-stretch coupling	25	18.78
PSC15	1 1/2" Poly-stretch coupling	25	21.72
PSC20	2" Poly-stretch coupling	20	33.91

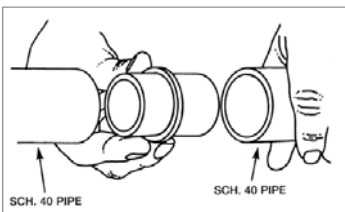
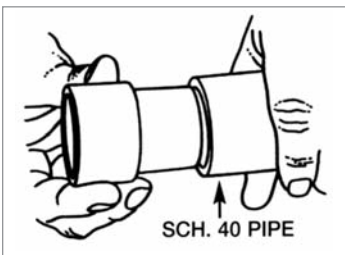
Repair Fittings for Sch 40 Pipe



PEX Series



PIC Series



Pipe Extender and Inside Connector Repair Fitting Features:

- For Sch 40 pipe.
- Saves labor.
- Invisible after installation.
- Permanent repair.
- Insignificant flow restriction.
- PVC Construction.
- PIC Series connects two pieces of Sch 40 pipe with flush joint.

Part Number	Description	IPS Size	Ctn Qty	List Price
Pipe Extender Repair Fitting				
PEX50	Pipe Extender	1/2"	48	\$ 2.21
PEX75	Pipe Extender	3/4"	48	2.82
PEX100	Pipe Extender	1"	48	3.58
PEX125	Pipe Extender	1 1/4"	48	4.20
PEX150	Pipe Extender	1 1/2"	48	5.01
PEX200	Pipe Extender	2"	48	5.59
PEX250	Pipe Extender	2 1/2"	96	7.59
PEX300	Pipe Extender	3"	96	10.97
PEX400	Pipe Extender	4"	48	12.94
Inside Connector Repair Fitting				
PIC100	Inside Connector	1"	48	3.58
PIC150	Inside Connector	1 1/2"	48	5.01
PIC200	Inside Connector	2"	48	5.59



Work Gloves - Cotton, Leather & Rubber Coated



AGWG206L

Economy LEATHER Work Glove Features:

- Light duty, economical leather palm work glove.
- The protection of a leather palm and the comfort of a fabric back.
- Generously sized to provide a comfortable fit.
- Straight thumb, knit wrist.

Part Number	Description	Bundle Qty	Ctn Qty	List Price
AGWG206L	Economy leather glove	12 pairs	120 pair	\$ 2.32/pair



AGWG205L

Heavy Duty LEATHER Work Glove Features:

- Gunn pattern; leather extends around the front of each finger, leaving no exposed seams or cloth in the palm "wear" area.
- Leather palm, fabric back.
- Generously sized to provide a comfortable fit.
- Winged thumb, 2 1/2" safety cuff.

Part Number	Description	Bundle Qty	Ctn Qty	List Price
AGWG205L	Heavy Duty Leather glove	12 pairs	120 pair	\$ 7.65/pair



AGWG6600 Series

ARMOR Rubber Coated Work Glove Features:

- Textured, blue natural rubber coating over seamless, breathable knit liner.
- Ideal for grabbing anything under wet conditions.
- Excellent for any abrasive or slippery application - pump & well, pool & spa, irrigation, plumbing & heating.
- Contoured fingers reduce hand fatigue.

Part Number	Description	Bundle Qty	Ctn Qty	List Price
AGWG6600L	Rubber coated knit glove, Large	12 pairs	144 pair	\$6.68/pair
AGWG6600XL	Rubber coated knit glove, XLarge	12 pairs	144 pair	\$6.68/pair



AGWG7114

PVC Coated Work Glove Features:

- PVC coated and etched for "sandy" finish for easy and secure grip.
- 14" length fully lined with cotton jersey.
- Suitable for working with corrosive chemicals.

Part Number	Description	Bundle Qty	Ctn Qty	List Price
AGWG7114	PVC Coated work glove, 14"	Bulk	48 pair	\$ 10.83/pair





HARVARD CONTRACTOR'S

Anchor Kit Features:

- Anchor kits complete with 100 plastic anchors, 100 screws and 1/4" masonry drill bit in a plastic case.
- Plastic gray ribbed anchors with lip design for electronic timer, pump start relay installations. Use with concrete block, brick and wallboard.
- Anchors have internal ribs for better centering of screws, locking lugs against pull and twist. Exterior design prevents fall out in overhead holes.
- Kit available with combination slotted/phillips head or tri-combination, slotted/phillips/hex head #10 x 1" screws.
- Kits complete with 1/4" x 4" masonry drill bit.
- Clear, unbreakable plastic case with molded-in hanging tab.



Combo Head

Tri Combo Head



Part Number	Description	Ctn Qty	List Price
AK10CSPR	Ribbed Combo Head	36	\$14.11
AK10TCR	Ribbed Tri Combo Head	36	15.00



Insert Fittings - Cast Stainless Steel

Stainless Steel Insert Fittings Features:

- Cast from Grade 304 Stainless Steel.
- For use with flexible poly pipe.



SSMA Series



XLSSMA Series



SSC Series



SST



SSE Series



SSHE Series



SSHT Series

Part Number	Size	# Barbs	Ctn/Case Qty	List Price
Cast 304 Stainless Steel Male Adapters (MIP x INS)				
SSMA1/2	1/2"	7	10/200	\$ 8.18
SSMA3/4	3/4"	7	10/200	12.21
SSMA3/4X1	3/4" X 1"	6	10/200	13.50
SSMA1	1"	7	10/100	16.79
SSMA11/4	1 1/4"	7	10/100	21.25
SSMA11/4X1	1 1/4" x 1"	7	10/100	18.39
SSMA11/2	1 1/2"	7	5/80	29.32
SSMA2	2"	7	5/40	43.93
Cast 304 Stainless Steel Heavy Pattern Extra Long Male Adapters (MIP x INS)				
XLSSMA1	1" x 1"	13	10/100	24.46
XLSSMA11/4X1	1 1/4" x 1"	13	5/60	25.89
XLSSMA11/4	1 1/4" x 1 1/4"	13	5/50	25.54
Cast 304 Stainless Steel Coupling (INS x INS)				
SSC1/2	1/2" x 1/2"	6	10/200	9.27
SSC3/4	3/4" x 3/4"	6	10/200	10.60
SSC1	1" x 1"	5	10/100	14.57
SSC11/4	1 1/4" x 1 1/4"	5	10/100	21.46
SSC11/2	1 1/2" x 1 1/2"	8	10/50	29.13
SSC2	2" x 2"	8	5/50	39.24
Cast 304 Stainless Steel Tee (INS x INS x INS)				
SST3/4	3/4" x 3/4"	5	5/50	17.14
SST1	1" x 1"	5	10/100	26.50
SST11/4	1 1/4" x 1 1/4"	5	10/100	37.50
Cast 304 Stainless Steel Elbow (INSxINS)				
SSE1	1" x 1"	5	10/100	26.79
SSE11/4	1 1/4" x 1 1/4"	7	5/50	35.54
Cast 304 Stainless Steel Hydrant Elbow (INSxMIP)				
SSHE3/4	3/4" x 3/4"	5	10/100	16.75
SSHE1X3/4	1" x 3/4"	5	10/100	19.29
SSHE1	1" x 1"	5	10/100	24.46
SSHE11/4	1 1/4" x 1 1/4"	5	10/50	34.01
Cast 304 Stainless Steel Hydrant Tee (INS x MIP)				
SSHT3/4	3/4" x 3/4"	4	10/100	20.00
SSHT1x3/4	1" x 3/4"	6	10/100	24.34
SSHT1	1" x 1"	4	10/100	28.50

Insert Fittings - Swaged Stainless Steel



Swaged Stainless Steel Insert Fittings

Features:

- For use with flexible poly pipe.
- Third party certified to NSF/ANSI 372



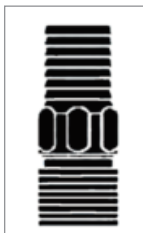
☺ Limited Quantities Available



IMASS Series



Part Number	Size	Style	# Barbs	Ctn/Case Qty	List Price
Swaged 304 Stainless Steel Male Adapter (MIP x INS)					
IMASS50	1/2"	Round	6	25/200	\$ 7.11
IMASS75	3/4"	Round	6	25/150	7.11
IMASS100	1"	Round	7	20/120	11.54
IMASS125	1 1/4"	Round	7	20/80	13.54
IMASS125100	1 1/4 X 1"	Round	7	20/80	14.61
IMASS150	1 1/2"	Round	9	10/60	20.14
IMASS200	2"	Round	9	10/40	27.93



SS12 Series



SS38 Series

Swaged 316 Stainless Steel Male Insert Adapters (MIPxINS) Made in USA					
SS12-1/2	1/2"	Hex	6	25/300	\$ 8.40
SS12-3/4	3/4"	Hex	7	25/200	9.94
SS12-1	1"	Hex	7	20/160	11.92
SS12-11/4	1-1/4"	Hex	6	20/120	25.34
SS12-11/2	1-1/2"	Hex	6	10/60	30.88
SS12-2	2"	Hex	7	10/40	56.35 ☺

Swaged 316 Stainless Steel Male Reducing Adapter (MIP x INS) Made in USA

SS38-11/4x1	1-1/4 x 1"	Round	7	25/100	23.83
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Swaged 316 Stainless Steel Extra Long Male Adapter (MIP x INS) Made in USA

XSS12-1	1"	Round	14	25	24.12
XSS12-11/4	1 1/4"	Round	14	25	31.98



ICSS Series



Part Number	Size	Style	# Barbs	Ctn/Case Qty	List Price
Swaged 304 Stainless Steel Coupling (INS x INS)					
ICSS50	1/2"	Round	6	25/200	\$ 5.75
ICSS75	3/4"	Round	6	25/150	6.21
ICSS100	1"	Round	7	20/120	12.32
ICSS125	1 1/4"	Round	7	20/80	14.11
ICSS150	1 1/2"	Round	9	10/60	21.79
ICSS200	2"	Round	9	10/40	32.36

Swaged 316 Stainless Steel Coupling (INS x INS) Made in USA

SS10-1	1"	Round	7	20	17.33
SS10-11/4	1 1/4"	Round	7	20	23.32

Swaged 316 Stainless Steel Extra Long Coupling (INS x INS) Made in USA

XSS10-1	1"	Round	14	25	52.42
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SS10 Series



Insert Fittings - Red Brass

- For use with flexible poly pipe
- Made in North America
- B and XB Series ANSI/NSF61
- IMAB Imported
- Made from 85% copper alloy seamless brass pipe with 0.05% lead.



ANSI/NSF Standard 61
Drinking Water System Components



☺ Limited Quantities Available



B12, IMAB

* NO wrench-grip shoulder

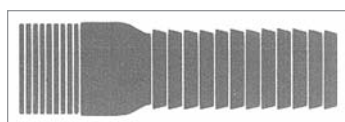


Male Adapter, mipt x ins

Part Number	Size	Ctn/Case Qty	List Price
B12-1/2	1/2"	25/300	\$ 12.16
B12-3/4	3/4"	25/200	15.06
B12-1	1"	20/160	19.05
B12-11/4	1-1/4"	20/120	34.61
B12-11/2	1-1/2"	10/60	42.19
B12-2	2"	10/40	55.86
B12-3 ☺	3"	10	166.56 ☺

Male Adapter, mipt x ins IMPORTED

IMAB50	1/2"	50/300	8.61
IMAB75	3/4"	50/200	11.61
IMAB100	1"	25/100	12.00
IMAB125	1 1/4"	20/80	28.43
IMAB150	1 1/2"	10/60	41.47
IMAB200	2"	10/60	50.86
IMAB250	2 1/2"	2/10	128.66
IMAB300	3"	2/10	163.98
IMAB400	4"	2/10	309.14



XB12, IMAB-XL

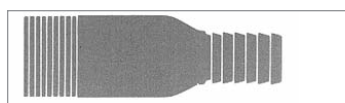


Extra Long Adapter, mipt x ins

XB12-1	1"	25/100	35.25
XB12-11/4	1-1/4"	25/50	52.68
XB12-11/2	1-1/2"	25/50	67.47

Extra Long Adapter, mipt x ins IMPORTED

IMAB100XL	1"	10/120	26.98
IMAB125XL	1-1/4"	10/80	41.22

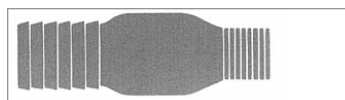


B38



Reducing Male Adapter, mipt x ins

B38-1X3/4	1" x 3/4"	25/150	55.19 ☺
B38-11/4X1	1-1/4" x 1"	25/100	73.50
B38-11/2X11/4	1-1/2" x 1-1/4"	25/50	84.58 ☺
B38-2X11/2	2" x 1 1/2"	25/50	101.96 ☺

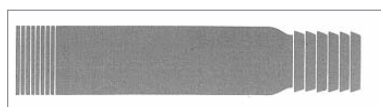


B74



Reducing Male Adapter, ins x red. mipt

B74-3/4x1/2	3/4" x 1/2"	25/200	21.55 ☺
B74-1X3/4	1" x 3/4"	25/200	28.44
B74-11/4X1	1-1/4" x 1"	25/100	34.21
B74-11/2X11/4	1-1/2" x 1-1/4"	25/100	40.17 ☺



B86



Venturi Adapter, ins x mipt

B86-1X6	1" x 6"	25/100	41.70
B86-1X8	1" x 8"	25/100	51.28 ☺
B86-11/4X6	1-1/4" x 6"	25/100	57.59 ☺
B86-11/4X8	1-1/4" x 8"	25/100	75.91 ☺



American Granby Inc.™

In the United States: Phone (800) 776-2266
In Canada: Phone (866) 503-5523

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Insert Fittings - Red Brass



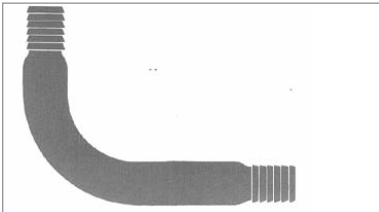
- For use with flexible plastic pipe
- Made in North America
- B and XB Series ANSI/NSF61
- IMAB, ICB Imported
- Made from 85% copper alloy seamless brass pipe with 0.05% lead.



ANSI/NSF Standard 61
Drinking Water System Components



☺ Limited Quantities Available



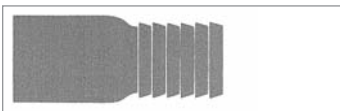
B99



B10, ICB



XB10, ICB-XL



B90



Part Number	Size	Ctn/Case Qty	List Price
Well Seal Elbow, ins x ins			
B99-1	1"	Bulk	\$ 84.08 ☺
B99-11/4	1-1/4"	Bulk	158.39 ☺
Coupling, ins x ins			
B10-1/2	1/2"	25/300	16.24
B10-3/4	3/4"	25/300	18.27
B10-1	1"	20/160	27.26
B10-11/4	1-1/4"	20/120	41.72
B10-11/2	1-1/2"	10/60	49.51
B10-2	2"	10/40	77.34
Coupling, ins x ins IMPORTED			
ICB50	1/2"	50/300	6.46
ICB75	3/4"	50/200	10.99
ICB100	1"	25/100	18.58
ICB125	1 1/4"	20/80	31.05
ICB150	1 1/2"	10/60	38.81
ICB200	2"	10/60	52.37
ICB250	2 1/2"	2/10	64.63
ICB300	3"	2/10	149.82
ICB400	4"	2/10	154.40
Extra Long Coupling, ins x ins			
XB10-1	1"	25/100	51.23
XB10-11/4	1-1/4"	25/50	67.51 ☺
Extra Long Coupling, ins x ins IMPORTED			
ICB100XL	1"	10/120	26.89
ICB125XL	1-1/4"	10/80	23.39
Female Adapter, fpt x ins			
B90-1/2	1/2"	25/300	24.51 ☺
B90-3/4	3/4"	25/200	31.43
B90-1	1"	20/160	37.73
B90-11/4	1-1/4"	20/120	55.22
B90-11/2	1-1/2"	10/60	57.56 ☺
B90-2	2"	10/40	80.88 ☺





Unions - PVC Sch 80



PV79, PV69 Series

ISO 9002



PVC Sch 80 Union Features:

- Ideal for swimming pool, spa and plumbing installations.
- EPDM O-Ring seal.
- Working pressure: 150 PSI at 72°F, 100 PSI at 120°F.
- Meets ASTM standards for Schedule 80 construction.
- Manufactured for AGI in an ISO 9002 facility.
- NSF listed.
- Available white or gray.
- Imported.

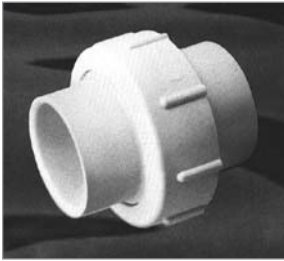
DIMENSIONS (IN.)	SIZE	d3	D1	D2	L
	1/2"	.51	1.21	1.80	2.11
	3/4"	.71	1.45	2.15	2.42
	1"	.92	1.76	2.58	2.69
	1 1/4"	1.17	2.11	3.20	3.32
	1 1/2"	1.52	2.54	3.83	3.40
	2"	1.92	3.05	4.68	3.71
	3"	2.84	3.52	6.10	4.96
	4"	3.94	4.52	8.86	6.30

MATERIAL SPECIFICATIONS

Body	PVC
End Connector	PVC
Union Nut	PVC
O-Ring	EPDM

Part Number	IPS Size	Ctn Qty	List Price		
SCHEDULE 80 - WHITE			PV797 SXS	PV798 TXT	PV799 SXT
SLIP X SLIP	FIPT X FIPT	SLIP X FIPT			
PV797-1/2	PV798-1/2		\$ 2.93	\$ 3.06	
PV797-3/4	PV798-3/4		3.85	4.00	
PV797-1	PV798-1		4.95	5.30	
PV797-11/4	PV798-11/4		8.82	9.28	
PV797-11/2	PV798-11/2	PV799-11/2	11.14	11.59	\$ 11.34
PV797-2	PV798-2	PV799-2	15.50	16.30	16.20
SCHEDULE 80 - GRAY			PV697 SxS	PV698 TXT	
slip x slip	FIPT x FIPT				
PV697-1/2	PV698-1/2		\$ 2.93	\$ 3.09	
PV697-3/4	PV698-3/4		3.86	4.08	
PV697-1	PV698-1		4.95	5.40	
PV697-11/4	PV698-11/4		8.82	9.16	
PV697-11/2	PV698-11/2		11.14	11.81	
PV697-2	PV698-2		15.80	16.61	
PV697-3	PV698-3		39.95	41.31	
PV697-4			88.67		
Replacement O-Ring for PV797, PV798, PV799, PV697, PV698					
PV796-1/2	1/2"	1	\$ 0.35		
PV796-3/4	3/4"	1	0.35		
PV796-1	1"	1	0.42		
PV796-11/4	1 1/4"	1	0.42		
PV796-11/2	1 1/2"	1	0.70		
PV796-2	2"	1	0.70		

Union, PVC Sch 80



1600 Series



SNR Series

Part Number	IPS Size	Ctn Qty	List Price
SCHEDULE 40 - MADE IN USA			
SLIP X SLIP			
1600-15	1 1/2" Socket both ends, 2" spigot one end	24	\$ 18.12
1600-20	2" Socket both ends, 2 1/2" spigot one end	20	25.06

Part Number	Description	Ctn Qty	List Price
UNION REPAIR SPLIT NUT			
SNR150	1 1/2" FBT Repair Split Nut w/ Screw	125	\$ 5.01
SNR200	2" FBT REpair Split Nut w/ Screw	100	5.51



Malleable Iron Fittings - Domestic

Domestic Malleable Iron Fitting Features:

- Class 150 malleable iron pipe fittings
- Suitable for water, steam, air, gas and oil
- All fittings are air pressure tested
- Working pressure:
 - Max: 300 psi @ -20 °F to 150 °F.
 - Min 150 psi @ 366 °F
- Made in USA
- Galvanized: Third party certified to NSF/ANSI 372.

Malleable Iron Fitting Specifications:

Material: ASTM A197
Dimensions: ANSI/ASME B16.3
ANSI/ASME B1.20.1
Pressure ratings: ANSI/ASME B16.3
Coatings: ASTM A153, A165

BLACK



BM90L/GM90L Series

Size	Ctn Qty	List Price
90° ELBOW fipxfipt		
BM90L1/8	35/210	\$ 7.55
BM90L1/4	30/180	7.37
BM90L3/8	30/180	7.37
BM90L1/2	50/200	5.11
BM90L3/4	35/140	6.16
BM90L1	20/80	10.71
BM90L11/4	20/40	17.65
BM90L11/2	8/32	23.22
BM90L2	8/16	40.03
BM90L21/2	12	89.18
BM90L3	5	130.51
BM90L4	4	280.33
90° ELBOW REDUCER fipxfipt		
BM90L3/8 x 1/4	25/150	10.36
BM90L1/2 x 1/4	30/180	10.01
BM90L1/2 x 3/8	50/200	9.73
BM90L3/4 x 3/8	30/180	13.95
BM90L3/4 x 1/2	30/120	10.01
BM90L1 x 1/2	25/100	13.87
BM90L1 x 3/4	20/80	12.86
BM90L11/4 x 3/4	15/60	24.11
BM90L11/4 x 1	10/40	21.61
BM90L11/2 x 1/2	12/48	33.56
BM90L11/2 x 3/4	12/48	34.88
BM90L11/2 x 1	10/40	30.49
BM90L11/2 x 11/4	15/30	30.49
BM90L2 x 1/2	10/40	42.18
BM90L2 x 3/4	15/30	53.22
BM90L2 x 1	12/24	50.20
BM90L2 x 11/4	10/20	50.20
BM90L2 x 11/2	10/20	44.17
BM90L21/2 x 11/2	12	128.37



BM90L/GM90L Reducer Series

GALVANIZED



Size	Ctn Qty	List Price
90° ELBOW fipxfipt		
GM90L1/8	35/210	\$ 11.69
GM90L1/4	30/180	10.67
GM90L3/8	30/180	10.67
GM90L1/2	50/200	6.87
GM90L3/4	35/140	8.44
GM90L1	20/80	15.63
GM90L11/4	20/40	24.71
GM90L11/2	8/32	32.24
GM90L2	8/16	52.82
GM90L21/2	12	138.22
GM90L3	5	227.88
GM90L4	4	401.93
90° ELBOW REDUCER fipxfipt		
GM90L3/8 x 1/4	25/150	17.07
GM90L1/2 x 1/4	30/180	14.76
GM90L1/2 x 3/8	50/200	12.64
GM90L3/4 x 3/8	30/180	20.24
GM90L3/4 x 1/2	30/120	14.67
GM90L1 x 1/2	25/100	19.99
GM90L1 x 3/4	20/80	18.83
GM90L11/4 x 3/4	15/60	37.95
GM90L11/4 x 1	10/40	31.59
GM90L11/2 x 1/2	12/48	43.61
GM90L11/2 x 3/4	12/48	50.48
GM90L11/2 x 1	10/40	50.48
GM90L11/2 x 11/4	15/30	50.48
GM90L2 x 1/2	10/40	56.45
GM90L2 x 3/4	15/30	71.57
GM90L2 x 1	12/24	70.16
GM90L2 x 11/4	10/20	67.61
GM90L2 x 11/2	10/20	58.98
GM90L21/2 x 11/2	12	222.74
GM90L3 x 2	8	315.59

Case quantities required please for fittings through 2"

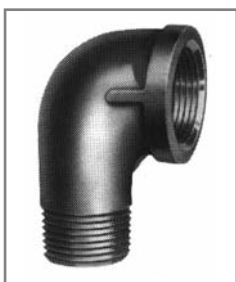
Malleable Iron Fittings - Domestic



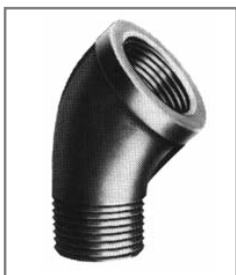
BLACK



BM45L/GM45L
Series



BM90SL/GM90SL
Series



BM45SL/GM45SL
Series



BMT/GMT Series

Size	Ctn Qty	List Price
45° ELBOW fipxfipt		
BM45L1/4	35/210	\$ 11.11
BM45L3/8	40/240	11.11
BM45L1/2	50/200	8.43
BM45L3/4	40/160	10.43
BM45L1	25/100	20.74
BM45L11/4	10/40	23.23
BM45L11/2	10/40	28.74
BM45L2	8/16	43.46
BM45L21/2	15	125.77
BM45L3	8	163.36
BM45L4	4	320.32
90° STREET ELBOW fipxfipt		
BM90SL1/8	40/240	10.88
BM90SL1/4	30/180	10.88
BM90SL3/8	30/180	10.88
BM90SL1/2	50/200	10.56
BM90SL3/4	35/140	10.56
BM90SL1	20/80	14.96
BM90SL11/4	15/30	23.23
BM90SL11/2	12/24	31.08
BM90SL11/2 x 11/4	16/32	56.45
BM90SL2	8/16	50.52
BM90SL21/2	8	128.05
BM90SL3	8	195.46
45° STREET ELBOW fipxfipt		
BM45SL1/8	30/180	17.13
BM45SL3/8	30/180	14.44
BM45SL1/2	50/200	11.79
BM45SL3/4	40/160	17.80
BM45SL1	25/100	20.74
BM45SL11/4	25/50	35.84
BM45SL11/2	15/30	46.22
BM45SL2	10/20	77.73
TEE fipxfiptxfipt		
BMT1/8	35/210	11.37
BMT1/4	35/210	10.71
BMT3/8	30/180	10.71
BMT1/2	30/120	6.83
BMT3/4	20/80	9.80
BMT1	12/48	16.78
BMT11/4	15/30	27.18
BMT11/2	10/20	33.79
BMT2	15	57.60
BMT21/2	8	124.19
BMT3	6	182.94
BMT4	3	442.14

GALVANIZED



Size	Ctn Qty	List Price
45° ELBOW fipxfipt		
GM45L1/4	35/210	\$ 14.56
GM45L3/8	40/240	16.26
GM45L1/2	50/200	10.87
GM45L3/4	40/160	15.63
GM45L1	25/100	17.65
GM45L11/4	10/40	32.98
GM45L11/2	10/40	38.74
GM45L2	8/16	57.32
GM45L21/2	15	199.43
GM45L3	8	290.05
GM45L4	4	486.25
90° STREET ELBOW fipxfipt		
GM90SL1/8	40/240	15.27
GM90SL1/4	30/180	14.79
GM90SL3/8	30/180	14.79
GM90SL1/2	50/200	15.11
GM90SL3/4	35/140	15.11
GM90SL1	20/80	20.20
GM90SL11/4	15/30	33.92
GM90SL11/2	12/24	42.58
GM90SL11/2 x 11/4	16/32	69.29
GM90SL2	8/16	71.79
GM90SL21/2	8	207.67
GM90SL3	8	302.23
45° STREET ELBOW fipxfipt		
GM45SL1/8	30/180	22.24
GM45SL3/8	30/180	21.93
GM45SL1/2	50/200	16.61
GM45SL3/4	40/160	26.36
GM45SL1	25/100	33.78
GM45SL11/4	25/50	50.68
GM45SL11/2	15/30	61.38
GM45SL2	10/20	101.08
TEE fipxfiptxfipt		
GMT1/8	35/210	16.54
GMT1/4	35/210	13.93
GMT3/8	30/180	13.93
GMT1/2	30/120	8.91
GMT3/4	20/80	14.67
GMT1	12/48	23.73
GMT11/4	15/30	37.66
GMT11/2	10/20	46.82
GMT2	15	76.09
GMT21/2	8	214.24
GMT3	6	251.24
GMT4	3	594.33



Malleable Iron Fittings - Domestic

BLACK



BMT/GMT
Reducer Series

Size	Ctn Qty	List Price
TEE Reducing fiptxfiptxfipt		
BMT1/2 x 1/2 x 1/4	25/100	\$ 11.62
BMT1/2 x 1/2 x 3/4	30/120	17.49
BMT3/4 x 1/2 x 1/2	30/120	15.57
BMT3/4 x 3/4 x 1/4	30/120	16.84
BMT3/4 x 3/4 x 3/8	30/120	18.61
BMT3/4 x 3/4 x 1/2	25/100	15.16
BMT3/4 x 1/2 x 3/4	20/80	17.49
BMT3/4 x 3/4 x 1	15/60	23.08
BMT1 x 1/2 x 1/2	20/80	21.79
BMT1 x 1/2 x 3/4	20/80	25.99
BMT1 x 1/2 x 1	15/60	21.79
BMT1 x 3/4 x 1/2	20/40	21.91
BMT1 x 3/4 x 3/4	20/40	20.24
BMT1 x 3/4 x 1	20/40	22.21
BMT1 x 1 x 1/4	20/80	24.22
BMT1 x 1 x 1/2	15/60	19.13
BMT1 x 1 x 3/4	25/50	19.13
BMT1 x 1 x 1 1/4	15/30	42.35
BMT1 1/4 x 1/2 x 1 1/4	10/40	40.60
BMT1 1/4 x 3/4 x 3/4	10/40	40.60
BMT1 1/4 x 3/4 x 1	10/40	37.59
BMT1 1/4 x 3/4 x 1 1/4	15/30	36.79
BMT1 1/4 x 1 x 1	15/30	35.69
BMT1 1/4 x 1 1/4 x 1/2	15/30	34.86
BMT1 1/4 x 1 1/4 x 3/4	12/24	30.57
BMT1 1/4 x 1 1/4 x 1	14/28	33.13
BMT1 1/4 x 1 x 1 1/4	15/30	42.86
BMT1 1/2 x 1/2 x 1 1/2	10/20	48.52
BMT1 1/2 x 3/4 x 3/4	10/40	81.33
BMT1 1/2 x 3/4 x 1 1/2	10/20	48.52
BMT1 1/2 x 1 x 1 1/2	10/20	48.52
BMT1 1/2 x 1 1/4 x 3/4	10/20	48.52
BMT1 1/2 x 1 1/4 x 1	8/16	41.65
BMT1 1/2 x 1 1/4 x 1 1/4	10/20	65.08
BMT1 1/2 x 1 1/4 x 1 1/2	10/20	73.16
BMT1 1/2 x 1 1/2 x 1/2	8/32	40.84
BMT1 1/2 x 1 1/2 x 3/4	10/20	38.58
BMT1 1/2 x 1 1/2 x 1	10/20	38.58
BMT1 1/2 x 1 1/2 x 1 1/4	8/40	47.72
BMT2 x 1/2 x 2	8/16	75.64
BMT2 x 3/4 x 2	8/16	74.34
BMT2 x 1 x 2	8/16	75.64
BMT2 x 2 x 1/2	10/20	61.61
BMT2 x 2 x 3/4	10/20	60.46
BMT2 x 2 x 1	10/20	60.46
BMT2 x 2 x 1 1/4	8/16	65.08
BMT2 x 2 x 1 1/2	8/16	65.08
BMT2 x 1 1/4 x 1 1/4	8/16	75.64
BMT2 x 1 1/2 x 1 1/4	8/16	75.78
BMT2 x 1 1/2 x 1 1/2	8/16	74.34
BMT2 1/2 x 2 1/2 x 2	12	161.56

GALVANIZED



Size	Ctn Qty	List Price
TEE Reducing fiptxfiptxfipt		
GMT1/2 x 1/2 x 3/8	35/140	\$ 20.69
GMT3/4 x 1/2 x 1/2	30/120	24.40
GMT3/4 x 3/4 x 1/4	30/120	21.80
GMT3/4 x 3/4 x 1/2	25/100	20.41
GMT3/4 x 1/2 x 3/4	20/80	23.29
GMT3/4 x 3/4 x 1	15/60	35.14
GMT1 x 1/4 x 1	15/80	37.09
GMT1 x 1/2 x 1/2	20/80	35.80
GMT1 x 1/2 x 1	15/60	35.80
GMT1 x 3/4 x 1/2	20/40	35.80
GMT1 x 3/4 x 3/4	20/40	34.54
GMT1 x 3/4 x 1	20/40	35.80
GMT1 x 1 x 1/2	15/60	28.66
GMT1 x 1 x 3/4	25/50	28.66
GMT1 x 1 x 1 1/4	15/30	57.93
GMT1 1/4 x 1/2 x 1 1/4	10/40	56.34
GMT1 1/4 x 3/4 x 3/4	10/40	61.29
GMT1 1/4 x 3/4 x 1	10/40	58.27
GMT1 1/4 x 3/4 x 1 1/4	15/30	52.84
GMT1 1/4 x 1 x 1	15/30	53.94
GMT1 1/4 x 1 1/4 x 1/2	15/30	46.98
GMT1 1/4 x 1 1/4 x 3/4	12/24	44.45
GMT1 1/4 x 1 1/4 x 1	14/28	44.45
GMT1 1/4 x 1 x 1 1/4	15/30	57.03
GMT1 1/2 x 1/2 x 1 1/2	10/20	77.46
GMT1 1/2 x 3/4 x 3/4	10/40	103.11
GMT1 1/2 x 3/4 x 1 1/2	10/20	70.64
GMT1 1/2 x 1 x 1 1/2	10/20	70.64
GMT1 1/2 x 1 1/4 x 3/4	10/20	70.64
GMT1 1/2 x 1 1/4 x 1	8/16	66.75
GMT1 1/2 x 1 1/4 x 1 1/4	10/20	97.92
GMT1 1/2 x 1 1/4 x 1 1/2	10/20	97.92
GMT1 1/2 x 1 1/2 x 1/2	8/32	58.03
GMT1 1/2 x 1 1/2 x 3/4	10/20	54.92
GMT1 1/2 x 1 1/2 x 1	10/20	54.92
GMT1 1/2 x 1 1/2 x 1 1/4	8/40	68.76
GMT2 x 1/2 x 2	8/16	99.61
GMT2 x 3/4 x 2	8/16	97.96
GMT2 x 1 x 2	8/16	99.86
GMT2 x 2 x 1/2	10/20	89.33
GMT2 x 2 x 3/4	10/20	80.17
GMT2 x 2 x 1	10/20	78.67
GMT2 x 2 x 1 1/4	8/16	94.39
GMT2 x 2 x 1 1/2	8/16	94.39
GMT2 x 1 1/4 x 1 1/4	8/16	99.86
GMT2 x 1 1/2 x 1 1/4	8/16	99.86
GMT2 x 1 1/2 x 1 1/2	8/16	97.91
GMT2 1/2 x 2 1/2 x 2	12	265.37

Malleable Iron Fittings - Domestic



BLACK



GALVANIZED



**BMT/GMT
Reducer Series**



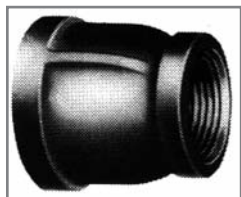
BMST/GSMT Series



BMCR/GMCR Series



BMRHC/GMRHC Series



**BMRHC/GMRHC
Reducer Series**

Size	Ctn Qty	List Price
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TEE Reducing, Cont. fipxtxfipxtfipxt

BMT3 x 3 x 3/4	8	\$ 219.99
BMT3 x 3 x 1	8	216.82
BMT3 x 3 x 1 1/4	8	228.44
BMT3 x 3 x 1 1/2	8	224.33
BMT3 x 3 x 2	8	215.78
BMT3 x 3 x 2 1/2	8	256.33

STREET TEE fipxtxmipxtfipxt

BMST3/4	20/80	24.97
BMST1	12/24	33.00
BMST1 1/4	10/20	54.35

CROSS fipxt

BMCR1/2	30/120	25.82
BMCR3/4	15/60	31.24
BMCR1	15/30	38.49
BMCR1 1/4	12/24	62.47
BMCR1 1/2	8/16	77.42
BMCR2	8	127.29

Right Hand Coupling fipxtfipxt

BMRHC1/4	35/210	9.16
BMRHC3/8	40/240	9.16
BMRHC1/2	40/240	7.06
BMRHC3/4	40/160	8.27
BMRHC1	25/100	12.39
BMRHC1 1/4	15/60	16.04
BMRHC1 1/2	10/40	21.67
BMRHC2	8/32	32.11
BMRHC2 1/2	8	88.62
BMRHC3	8	119.80
BMRHC4	4	241.27

REDUCING COUPLING fipxtfipxt

BMRC1/4 x 1/8 ☺	25/150	9.65
BMRC3/8 x 1/4	25/150	9.65
BMRC1/2 x 1/4	25/150	8.77
BMRC1/2 x 3/8	30/180	8.29
BMRC3/4 x 1/4	35/210	11.07
BMRC3/4 x 3/8	35/210	11.07
BMRC3/4 x 1/2	50/200	9.27
BMRC1 x 3/8	30/120	18.19
BMRC1 x 1/2	30/120	14.79
BMRC1 x 3/4	25/100	14.44
BMRC1 1/4 x 1/2	15/60	21.79
BMRC1 1/4 x 3/4	15/60	18.58
BMRC1 1/4 x 1	15/60	18.58

☺ Steel

Size	Ctn Qty	List Price
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TEE Reducing, Cont. fipxtxfipxtfipxt

GMT3 x 3 x 3/4	8	\$ 484.45
GMT3 x 3 x 1	8	347.24
GMT3 x 3 x 1 1/4	8	367.24
GMT3 x 3 x 1 1/2	8	360.23
GMT3 x 3 x 2	8	347.24
GMT3 x 3 x 2 1/2	8	404.44

STREET TEE fipxtxmipxtfipxt

GMST3/4	20/80	31.94
GMST1	12/24	50.51
GMST1 1/4	10/20	84.23

CROSS fipxt

GMCR1/2	30/120	36.64
GMCR3/4	15/60	44.64
GMCR1	15/30	61.60
GMCR1 1/4	12/24	92.61
GMCR1 1/2	8/16	108.35
GMCR2	8	205.22

Right Hand Coupling fipxtfipxt

GMRHC1/4	35/210	12.75
GMRHC3/8	40/240	13.18
GMRHC1/2	40/240	10.06
GMRHC3/4	40/160	11.60
GMRHC1	25/100	19.01
GMRHC1 1/4	15/60	26.82
GMRHC1 1/2	10/40	30.47
GMRHC2	8/32	44.55
GMRHC2 1/2	8	136.38
GMRHC3	8	182.27
GMRHC4	4	387.12

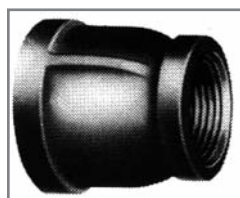
REDUCING COUPLING fipxtfipxt

GMRC1/4 x 1/8 ☺	25/150	13.06
GMRC3/8 x 1/4	25/150	13.06
GMRC1/2 x 1/4	25/150	11.74
GMRC1/2 x 3/8	30/180	12.21
GMRC3/4 x 1/4	35/210	14.83
GMRC3/4 x 3/8	35/210	14.83
GMRC3/4 x 1/2	50/200	13.05
GMRC1 x 3/8	30/120	28.26
GMRC1 x 1/2	30/120	21.76
GMRC1 x 3/4	25/100	20.20
GMRC1 1/4 x 1/2	15/60	36.12
GMRC1 1/4 x 3/4	15/60	28.14
GMRC1 1/4 x 1	15/60	27.60



Malleable Iron Fittings - Domestic

BLACK



BMRHC/GMRHC
Reducer Series



BMHB/GMHB Series

☺ Steel

Size	Ctn Qty	List Price
REDUCING COUPLING - con't fiptxfipt		
BMRC11/2 x 1/2	15/60	\$ 27.72
BMRC11/2 x 3/4	10/40	31.24
BMRC11/2 x 1	10/40	27.23
BMRC11/2 x 1 1/4	10/40	23.48
BMRC2 x 1/2	8/32	45.13
BMRC2 x 3/4	8/32	38.97
BMRC2 x 1	15/30	36.82
BMRC2 x 1 1/4	10/20	38.97
BMRC2 x 1 1/2	10/20	34.02
BMRC2 1/2 x 1 1/2	10	92.80
BMRC2 1/2 x 2	10	78.21
BMRC3 x 1	8	124.52
BMRC3 x 1 1/4	8	126.83
BMRC3 x 1 1/2	8	122.25
BMRC3 x 2	8	101.24
BMRC3 x 2 1/2	8	118.22
BMRC4 x 2	4	245.05
BMRC4 x 3	4	245.05

HEX BUSHING miptxfipt		
BMHB1/4 x 1/8 ☺	25/150	10.67
BMHB3/8 x 1/8 ☺	25/150	10.67
BMHB3/8 x 1/4 ☺	25/150	10.67
BMHB1/2 x 1/8 ☺	25/150	10.67
BMHB1/2 x 1/4 ☺	25/150	10.67
BMHB1/2 x 3/8 ☺	25/150	10.67
BMHB3/4 x 1/8	25/150	9.46
BMHB3/4 x 1/4	25/150	8.98
BMHB3/4 x 3/8	25/150	9.22
BMHB3/4 x 1/2	25/150	8.29
BMHB1 x 1/8	25/150	13.46
BMHB1 x 1/4	25/150	11.62
BMHB1 x 3/8	25/150	11.95
BMHB1 x 1/2	25/150	8.84
BMHB1 x 3/4	25/150	8.72
BMHB1 1/4 x 1/8	25/150	16.20
BMHB1 1/4 x 1/4	25/150	16.71
BMHB1 1/4 x 1/2	25/150	12.94
BMHB1 1/4 x 3/4	25/150	11.37
BMHB1 1/4 x 1	25/150	11.37
BMHB1 1/2 x 1/4	15/150	19.46
BMHB1 1/2 x 1/2	30/120	14.80
BMHB1 1/2 x 3/4	30/120	14.80
BMHB1 1/2 x 1	30/120	12.99
BMHB1 1/2 x 1 1/4	30/120	14.44
BMHB2 x 1/4	20/80	20.94
BMHB2 x 1/2	20/80	23.51
BMHB2 x 3/4	20/80	18.59
BMHB2 x 1	20/80	17.77
BMHB2 x 1 1/4	20/80	17.77
BMHB2 x 1 1/2	20/80	18.18

GALVANIZED



Size	Ctn Qty	List Price
REDUCING COUPLING - con't fiptxfipt		
GMRC11/2 x 1/2	15/60	\$ 42.58
GMRC11/2 x 3/4	10/40	36.28
GMRC11/2 x 1	10/40	36.28
GMRC11/2 x 1 1/4	10/40	34.26
GMRC2 x 1/2	8/32	61.47
GMRC2 x 3/4	8/32	59.28
GMRC2 x 1	15/30	49.49
GMRC2 x 1 1/4	10/20	52.34
GMRC2 x 1 1/2	10/20	49.49
GMRC2 1/2 x 1 1/2	10	146.00
GMRC2 1/2 x 2	10	138.11
GMRC3 x 1	8	194.00
GMRC3 x 1 1/4	8	194.00
GMRC3 x 1 1/2	8	183.53
GMRC3 x 2	8	173.45
GMRC3 x 2 1/2	8	177.12
GMRC4 x 2	4	397.09
GMRC4 x 3	4	397.09

HEX BUSHING miptxfipt		
GMHB1/4 x 1/8 ☺	25/150	17.02
GMHB3/8 x 1/8 ☺	25/150	17.02
GMHB3/8 x 1/4 ☺	25/150	17.02
GMHB1/2 x 1/8 ☺	25/150	17.02
GMHB1/2 x 1/4 ☺	25/150	17.02
GMHB1/2 x 3/8 ☺	25/150	17.02
GMHB3/4 x 1/8	25/150	16.61
GMHB3/4 x 1/4	25/150	16.16
GMHB3/4 x 3/8	25/150	18.06
GMHB3/4 x 1/2	25/150	13.83
GMHB1 x 1/8	25/150	22.22
GMHB1 x 1/4	25/150	18.87
GMHB1 x 3/8	25/150	18.97
GMHB1 x 1/2	25/150	17.07
GMHB1 x 3/4	25/150	15.89
GMHB1 1/4 x 1/8	25/150	27.80
GMHB1 1/4 x 1/4	25/150	28.47
GMHB1 1/4 x 3/8	25/150	28.47
GMHB1 1/4 x 1/2	25/150	24.26
GMHB1 1/4 x 3/4	25/150	21.41
GMHB1 1/4 x 1	25/150	21.41
GMHB1 1/2 x 1/4	15/120	38.36
GMHB1 1/2 x 1/2	30/120	29.82
GMHB1 1/2 x 3/4	30/120	29.82
GMHB1 1/2 x 1	30/120	26.94
GMHB1 1/2 x 1 1/4	30/120	25.82
GMHB2 x 1/4	20/80	43.44
GMHB2 x 1/2	20/80	37.37
GMHB2 x 3/4	20/80	34.74
GMHB2 x 1	20/80	34.74
GMHB2 x 1 1/4	20/80	34.74
GMHB2 x 1 1/2	20/80	29.96

Malleable Iron Fittings - Domestic



BLACK



BMHB/GMHB Series



BMFB/GMFB Series



BMCA/GMCA Series

Size	Ctn Qty	List Price
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HEX BUSHING CONT. miptxfipt

BMHB21/2 x 3/4	20	\$ 32.68
BMHB21/2 x 1	20	32.68
BMHB21/2 x 11/4	20	32.68
BMHB21/2 x 11/2	20	28.44
BMHB21/2 x 2	20	28.01
BMHB3 x 1/2	10/20	49.20
BMHB3 x 3/4	10/20	48.02
BMHB3 x 1	10/20	44.19
BMHB3 x 11/4	10/20	44.19
BMHB3 x 11/2	10/20	44.19
BMHB3 x 2	10/20	33.00
BMHB3 x 21/2	10	38.25
BMHB4 x 1	10	100.15
BMHB4 x 11/4	10	99.90
BMHB4 x 11/2	10	92.22
BMHB4 x 2	10	74.43
BMHB4 x 21/2	10	90.07
BMHB4 x 3	10	74.43

FLUSH BUSHING

BMFB1 x 3/4	25/150	23.00
BMFB11/4 x 1	25/150	24.88

DOUBLE TAP BUSHING

BMDTB2X11/4	20	36.74
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CAP fipt

BMCA1/4 ☺	40	7.56
BMCA3/8 ☺	40	6.36
BMCA1/2	50/300	5.16
BMCA3/4	40/240	6.99
BMCA1	25/150	8.45
BMCA11/4	25/100	11.15
BMCA11/2	20/80	15.32
BMCA2	10/40	22.35
BMCA21/2	6/12	50.91
BMCA3	6/12	75.64
BMCA4	5/10	129.69

GALVANIZED



Size	Ctn Qty	List Price
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HEX BUSHING CONT. miptxfipt

GMHB21/2 x 3/4	20	\$ 63.26
GMHB21/2 x 1	20	63.26
GMHB21/2 x 11/4	20	63.26
GMHB21/2 x 11/2	20	56.95
GMHB21/2 x 2	20	49.86
GMHB3x1/2	10/20	83.45
GMHB3 x 3/4	10/20	83.45
GMHB3 x 1	10/20	83.45
GMHB3 x 11/4	10/20	81.52
GMHB3 x 11/2	10/20	75.11
GMHB3 x 2	10/20	64.89
GMHB3 x 21/2	10	69.66
GMHB4 x 1	10	174.89
GMHB4 x 11/4	10	174.89
GMHB4 x 11/2	10	174.89
GMHB4 x 2	10	136.25
GMHB4 x 21/2	10	174.89
GMHB4 x 3	10	136.25

FLUSH BUSHING

GMFB1 x 3/4	25/150	38.77
GMFB11/4 x 1	25/150	47.99

DOUBLE TAP BUSHING

GMDTB2X1X1	20	61.22
GMDTB2X11/4X11/4	20	61.22

CAP fipt

GMCA1/4 ☺	40	10.28
GMCA3/8 ☺	40	10.28
GMCA1/2	50/300	7.62
GMCA3/4	40/240	10.54
GMCA1	25/150	13.06
GMCA11/4	25/100	17.20
GMCA11/2	20/80	22.04
GMCA2	10/40	30.87
GMCA21/2	6/12	89.67
GMCA3	6/12	108.67
GMCA4	5/10	240.09

☺ Steel



Malleable Iron Fittings - Domestic

BLACK



GALVANIZED



BMLN/GMLN Series



BMP/GMP Series



BMU/GMU Series



BMFF/GMFF Series

☺ Steel

Size	Ctn Qty	List Price
LOCK NUT		
BMLN1/8 ☺	100/600	6.67
BMLN1/4 ☺	100/600	6.13
BMLN3/8	50/300	8.52
BMLN1/2	50/300	7.29
BMLN3/4	50/300	7.94
BMLN1	40/160	15.26
BMLN11/4	40/160	12.51
BMLN11/2	40/160	17.62
BMLN2	25/100	29.23

Square Head Plug mipt		
BMP1/8 ☺	100	\$ 1.02
BMP1/4 ☺	100	1.02
BMP3/8 ☺	100	1.02
BMP1/2 ☺	100	1.11
BMP3/4 ☺	100	1.23
BMP1	40/240	4.77
BMP11/4	40/160	7.63
BMP11/2	40/80	10.76
BMP2	25/50	12.56
BMP21/2	20/40	30.59
BMP3	10/20	35.43
BMP4	5/10	72.98
BMP5		137.18

Unions, 150 lbs UL Listed		
BMU150-1/8	25/150	41.31
BMU150-1/4	35/210	38.23
BMU150-3/8	35/210	26.34
BMU150-1/2	40/160	23.85
BMU150-3/4	30/60	27.41
BMU150-1	25/50	35.73
BMU150-11/4	15/30	51.24
BMU150-11/2	12/24	63.89
BMU150-2	8/16	74.28
BMU150-21/2	8	221.35
BMU150-3	8	266.45
BMU150-4	1	657.67

FLOOR FLANGE (diameter)			
BMFF1/4	2 3/8"	25/150	23.82
BMFF3/8	2 15/16"	25/150	23.82
BMFF1/2	3"	30/120	23.82
BMFF3/4	3 1/4"	30/120	23.82
BMFF1	3 7/8"	30/60	29.93
BMFF11/4	3 7/8"	30/60	29.93
BMFF11/2	4 1/2"	10/40	38.49
BMFF2	5 1/2"	15/30	46.31
BMFF21/2	5 13/16"	10	50.81
BMFF3	6 3/8"	10	64.16

Size	Ctn Qty	List Price
LOCK NUT		
GMLN1/8 ☺	100/600	7.57
GMLN1/4 ☺	100/600	6.13
GMLN3/8	50/300	10.65
GMLN1/2	50/300	8.63
GMLN3/4	50/300	10.12
GMLN1	40/160	18.40
GMLN11/4	40/160	17.65
GMLN11/2	40/160	22.92
GMLN2	25/100	40.35

Square Head Plug mipt		
GMP1/8 ☺	100	\$ 1.52
GMP1/4 ☺	100	1.54
GMP3/8 ☺	100	1.54
GMP1/2 ☺	100	1.66
GMP3/4 ☺	100	1.79
GMP1	40/240	10.20
GMP11/4	40/160	17.01
GMP11/2	40/80	22.98
GMP2	40/50	28.54
GMP21/2	20/40	60.31
GMP3	10/20	77.22
GMP4	5/10	149.77
GMP5		297.76

Unions, 150 lbs UL Listed		
GMU150-1/8	25/150	58.88
GMU150-1/4	35/210	51.85
GMU150-3/8	35/210	34.71
GMU150-1/2	40/160	31.65
GMU150-3/4	30/60	36.38
GMU150-1	25/50	47.64
GMU150-11/4	15/30	68.88
GMU150-11/2	12/24	83.45
GMU150-2	8/16	92.95
GMU150-21/2	8	333.28
GMU150-3	8	466.46
GMU150-4	1	945.06

FLOOR FLANGE (diameter)			
GMFF1/4	2 3/8"	25/150	46.34
GMFF3/8	2 15/16"	25/150	46.34
GMFF1/2	3"	30/120	59.52
GMFF3/4	3 1/4"	30/120	59.52
GMFF1	3 7/8"	30/60	54.33
GMFF11/4	3 7/8"	30/60	72.20
GMFF11/2	4 1/2"	10/40	92.51
GMFF2	5 1/2"	15/30	117.48
GMFF21/2	5 13/16"	10	142.82
GMFF3	6 3/8"	10	139.40





Nipples - Black Steel



Black Steel Nipple Features:

- Standard carton quantity is 25 pieces for all diameters up to 2" and all lengths up to 6".
- Carton quantities required for nipples through 2" diameter.
- Imported.

ORDER BY PART NUMBER BS80 WITH SIZE (DIAMETER X LENGTH)

EXAMPLE: BS80-1/2 x 3



		BLACK STEEL PIPE NIPPLE LIST PRICES STANDARD WELDED																	
PIPE DIA.	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"	0.89	1.10	1.10	1.28	1.28	1.54	1.54	2.94	2.94	3.22	3.26		4.43		5.06		5.18	
1/4"	7/8"	1.08	1.14	1.14	1.46	1.46	1.69	1.69	2.59	2.59	3.05	3.05	4.69	4.69		5.51		6.07	
3/8"	1"	1.10	1.24	1.24	1.61	1.61	1.88	1.88	2.73	2.73	3.03	3.03	5.32	5.32	5.97	5.97	6.79	6.79	
1/2"	1 1/8"	0.92	0.92	0.92	1.10	1.10	1.32	1.32	1.54	1.54	1.73	1.73	3.11	3.11	3.74	3.74	4.46	4.46	
3/4"	1 3/8"	1.05	1.14	1.14	1.30	1.30	1.61	1.61	2.00	2.00	2.27	2.27	3.81	3.81	4.42	4.42	4.91	4.91	
1"	1 1/2"	1.54		1.69	1.78	1.78	2.22	2.22	2.64	2.64	3.11	3.11	5.08	5.08	5.96	5.96	6.83	6.83	
1 1/4"	1 5/8"	1.96		2.21	2.35	2.35	2.78	2.78	3.77	3.77	3.97	3.97	6.39	6.39	7.68	7.68	8.69	8.69	
1 1/2"	1 3/4"	2.43		2.63	2.94	2.94	3.30	3.30	4.03	4.03	5.18	5.18	7.33	7.33	8.57	8.57	9.88	9.88	
2"	2"	3.31			3.81	3.81	4.61	4.61	5.30	5.30	6.33	6.33	10.43	10.43	12.24	12.24	14.10	14.10	
2 1/2"	2 1/2"	10.37				10.66	12.55	1.55		13.75	14.36	14.36		18.27		20.54		22.84	
3"	2 5/8"	12.33				13.40	15.88	15.88	17.52	17.52	19.04	19.04	25.70	25.70		28.86	32.02	32.02	
4"	2 7/8"	18.60						21.51	24.56	24.56	26.26	26.26	30.32	30.32		34.51		40.46	
6"	3 1/8"	43.75										76.38	88.77	99.98		122.74		145.53	

BLACK STEEL PIPE NIPPLE LIST PRICES PRE-CUT PIPE THREADED BOTH ENDS								
PIPE DIA.	PACK QTY	18"	24"	30"	36"	48"	60"	72"
3/8"	5	\$ 9.59	11.97					
1/2"	5	6.92	9.03	10.59	12.50	15.80	18.94	23.29
3/4"	5	8.54	10.94	12.80	15.16	20.18	24.71	28.43
1"	3	10.98	14.38	16.57	20.00	26.13	32.90	38.85
1 1/4"	3	13.98	18.85	22.27	26.25	34.76	43.24	
1 1/2"	3	15.98	21.55	25.67	30.67	38.06	51.73	60.95
2"	3	22.27	29.49	33.90	39.93	53.18	67.1	
2 1/2"	3		45.71					
3"	3	57.76	64.07		96.13	128.17		
4"	3	69.05	78.02					

Black Steel Tank Leg Features:

- For use with standard steel tanks
- No cradle required
- Threaded one end x square cut

PART NO.	CTN QTY	LIST PRICE
BS80-11/4X10TOE	5/20	\$ 9.56
BS80-11/4X11TOE	5/20	10.84
BS80-11/4X12TOE	5/20	10.84
BS80-11/4X13TOE	5/20	12.91
BS80-11/4X14TOE	5/20	13.68

Nipples - Galvanized Steel



Galvanized Steel Nipple Features:

- Standard carton quantity is 25 pieces for all diameters up to 2" and all lengths up to 6".
- Carton quantities required for nipples through 2" diameter.
- Imported.

ORDER BY PART NUMBER **GS80** WITH SIZE (DIAMETER X LENGTH)
EXAMPLE: **GS80-1/2 x 3**



GALVANIZED STEEL PIPE NIPPLE LIST PRICES STANDARD WELDED																		
PIPE DIA.	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"	1.12	1.56	1.56	2.06	2.06	2.43	2.43	4.10	4.10	4.61	4.61		5.98				
1/4"	7/8"	1.21	1.42	1.42	1.85	1.85	2.21	2.21	3.03	3.03	3.38	3.38	5.78	5.78	6.72	6.72		7.48
3/8"	1"	1.31	1.51	1.51	2.01	2.01	2.39	2.39	3.30	3.30	3.66	3.66		5.85		6.96		7.73
1/2"	1 1/8"	1.05	1.12	1.12	1.32	1.32	1.63	1.63	1.96	1.96	2.22	2.22	3.91	3.91	4.65	4.65	5.29	5.29
3/4"	1 3/8"	1.30	1.40	1.40	1.56	1.56	2.00	2.00	2.40	2.40	2.87	2.87	5.01	5.01	5.57	5.57	6.20	6.20
1"	1 1/2"	1.77		2.10	2.27	2.27	2.73	2.73	3.34	3.34	3.80	3.80	6.33	6.33	7.24	7.24	8.43	8.43
1 1/4"	1 5/8"	2.39		2.59	2.81	2.81	3.34	3.34	4.13	4.13	4.81	4.81	7.78	7.78	9.28	9.28	11.17	11.17
1 1/2"	1 3/4"	2.79		3.00	3.34	3.34	4.24	4.24	5.10	5.10	5.74	5.74	8.92	8.92	10.37	10.37		11.88
2"	2"	3.93			4.42	4.42	5.38	5.38	6.86	6.86	7.98	7.98	12.99	12.99	15.21	15.21	17.44	17.44
2 1/2"	2 1/2"	11.72				12.17	14.12	14.12	15.74	15.74	17.28	17.28	22.26	22.26		25.37	28.38	28.38
3"	2 5/8"	14.04					15.98	18.73	18.73	21.85	21.85	23.11	23.11	31.12	31.12		35.49	39.90
4"	2 7/8"	21.03							25.15	28.20	28.20	31.19	31.19		37.19		43.11	49.07
6"	3 1/8"	53.20							65.68				92.86		121.53		149.23	176.89

GALVANIZED STEEL PIPE NIPPLE LIST PRICES PRE-CUT PIPE THREADED BOTH ENDS								
PIPE DIA.	PACK QTY	18"	24"	30"	36"	48"	60"	72"
3/8"	5	11.95						
1/2"	5	8.49	10.94	12.94	14.93	19.17	23.62	27.88
3/4"	5	10.11	12.97	15.94	18.32	23.93	29.30	34.60
1"	3	13.05	17.32	20.24	23.14	30.67	38.58	
1 1/4"	3	17.19	23.02	27.20	31.37	41.57	51.70	
1 1/2"	3	19.51	26.12	31.52	36.93	49.09	62.23	
2"	3	26.60	35.19	41.43	47.64	61.93	77.38	
2 1/2"	3	50.76	56.82	76.15				
3"	3	71.00	79.84	106.5	123.92	159.67		
4"	3	86.25	98.20	147.27	196.39	245.49		

GALVANIZED STEEL REDUCING PIPE NIPPLES			
PART NO.	SIZE	CTN QTY	LIST PRICE
GSR80-3/4x1/2x23/4	3/4 X 1/2 X 2 3/4	25	\$ 10.44
GSR80-1 1/4x1x3 1/2	1 1/4 x 1 x 3 1/2	25	16.57
GSR80-1x3/4x3	1 x 3/4 x 3	25	15.47