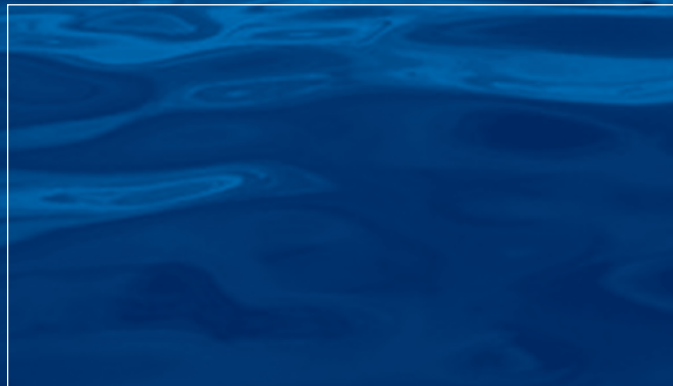


Distributed by:



INDUSTRIAL PLASTIC VALVES & PIPE FITTINGS



LASCO[®]
Fittings, Inc.

414 Morgan Street, P.O. Box 116, Brownsville, TN 38012 | www.lascofittings.com

PVC SCH 80 & SCH 40 & CPVC SCH 80 PRESSURE FITTINGS

- All fittings conform strictly to ASTM standards
- NSF-61
- Robust design and proven performance for over 40 years in the industrial-piping, water-treatment, commercial-plumbing, irrigation and pool markets
- Sizes range from ¼" to 12" molded
- Product line includes all common patterns including **elbows, tees, couplings, bushings, unions, flanges, and specialty fittings**
- LASCO offers one of the most complete lines of **Molded 10 & 12" PVC Sch 40 & 80 Fittings** available
- FiberTuff loose ring flanges from LASCO provide the strength and quality you want in all applications. The increased stiffness of FiberTuff material improves the long term sealing ability by neither deforming nor relaxing the sealing surfaces. To provide you with The Strongest Link, FiberTuff rings are standard on all 3" through 12" PVC and CPVC flanges from LASCO.

FULL BLOCK™ INDUSTRIAL TRUE UNION BALL VALVE

- Full Port Sch 80
- 235 psi 1/2 -2", 150 psi 3 & 4" at 73°F non-shock water
- Both Socket & Threaded End pieces are included ½ - 2". 3 & 4" ordered SxS or TxT
- PTFE Seats, EPDM or Viton® FKM* o-rings
- PVC, CPVC, or PP
- Heavy-duty, robust design
- Assembled with **silicone-free**, water soluble o-ring lubricant
- External seat-wear adjustment, seat carrier is blocked with PVDF locking strip
- Complete line of repair parts and accessories available
- Over 30 years of proven performance
- **Actuator brackets and complete actuated assemblies available**

COMMERCIAL TRUE UNION BALL VALVE

- Sch 80 wall thickness and end connections
- Full port in sizes 1-1/2 & 2-1/2"
- Slightly reduced port in other sizes
- 235 psi 1/2 -2-1/2" at 73°F non-shock water
- PVC with PTFE Seats, EPDM o-rings
- NSF-61
- Both Socket & Threaded End pieces are included

SUPER C™ SCH 80 COMPACT BALL VALVE

- Sch 80 wall thickness and end connections
- Full port Sch 80 in sizes ½ - 1-1/2" (2" has 1.81" bore)
- 235 psi 1/2 -2" at 73°F non shock-water
- PTFE Seats, PVC/EPDM, CPVC/Viton® FKM*
- Smooth turning for years of service life
- SxS or TxT
- End-over-body 2-piece permanently sealed design



Valves manufactured by:

COLONIAL VALVE
A DIVISION OF COLONIAL ENGINEERING, INC.

Please see our List Price Sheets or visit www.lascofittings.com for more information

*The terms FPM, FKM and Viton® are all designations of the base material, Fluoro Rubber. Recommended for: petroleum oils, di-ester based lubricants, silicate ester base lubricants, silicone fluids and greases, halogenated hydrocarbons, chlorine in high concentrations and sodium hypochlorite, selected phosphate ester fluids and acids.

INDUSTRIAL MIP COMPACT BALL VALVE

- Sch 80 wall thickness and end connections
- 150 psi 1/2 -2" at 73°F non shock-water
- PTFE Seats. PVC & CPVC with FKM* o-ring
- SxS or TxT
- Replaceable handle
- Commercial Series also offered in PVC with EPDM seat & o-ring

TRUE UNION BALL CHECK VALVE

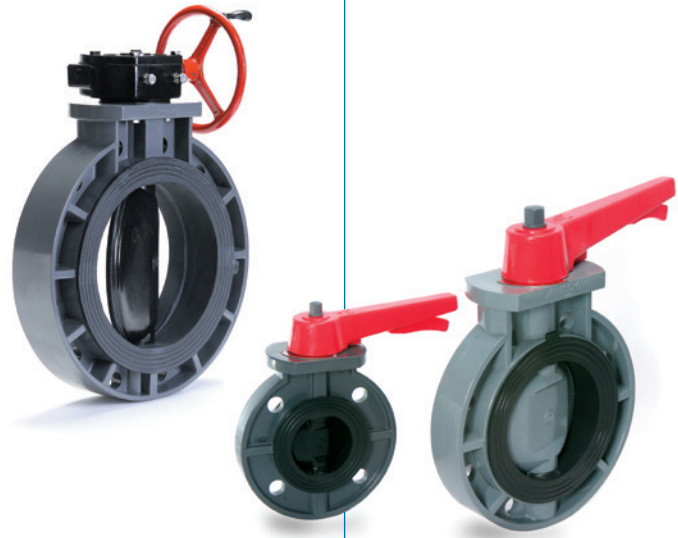
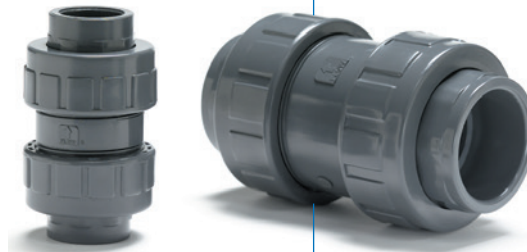
- Sch 80 wall thickness and end connections
- 235 psi 1/2 -2" at 73°F non shock-water
- EPDM or FKM* o-rings and seats
- Assembled with **silicone-free**, water soluble o-ring lubricant
- PVC & CPVC
- Foot Valve screens are available
- Both Socket & Threaded End pieces are included
- Single Union type in sizes 2-1/2 – 4". Both Socket & Flanged Ends are available
- ALSO AVAILABLE: Swing Check & Spring Check Valves

INDUSTRIAL BUTTERFLY VALVE

- PVC with PP Disc, CPVC with CPVC disc
- EPDM, FKM*, or Buna-N seals
- 150 psi 2-10", 100 psi 12" at 73°F non-shock water
- 410 SS non-wetted stem
- Lever, Gear Op, and ISO 5211 direct-mount options
- Full Boot-Seal design, no gaskets required
- Heavy-duty design, for chemical and process piping
- Direct retrofit for ©ASAHI type 56/57 and Pool Pro BFV (same face-to-face dimension and materials)
©ASAHI/America, 35 Green St., Malden, MA 02148

COMMERCIAL BUTTERFLY VALVES

- PVC with PVC Disc
- 711 Series with blue plastic handle
- 311 Series with orange steel handle
- 150 psi 3-6", 100 psi 8" at 73°F non-shock water
- 410 SS stem
- Full Boot-Seal design, no gaskets required
- Suitable for light industrial and water service
- Bolt sets for Butterfly Valves installation also available
- **Contractor kits including Butterfly Valve, Flanges, and Bolts Set also available**



Valves manufactured by:



Please see our List Price Sheets or visit www.lascofittings.com for more information

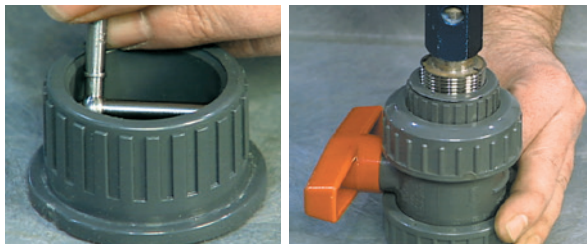
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RECOMMENDATIONS TO INSTALLERS AND USERS

For over 50 years, thermoplastic piping has been growing in acceptance as an effective choice over metallic piping in many applications. The advantages of thermoplastic piping include:

- Thermoplastic materials are dielectric, so they do not support an electrical charge. This enables them to be immune from the electro-chemical corrosion that occurs with metallic piping.
- Thermoplastic materials are immune to microbiological-influenced corrosion that leads to rust and pitting in metallic piping.
- Interior walls are molded with a smooth finish that enables high flow coefficient and consistent performance over an extended service life.
- Up to 50% lighter in weight than metallic piping valve counterparts. This allows for lower freight and handling costs, and ease of installation.
- Lower thermal conductivity than metallic piping, minimizing heat loss or gain.

Value-added engineering, adherence to ASTM standards for materials and dimensions, and stringent manufacturing quality make LASCO Fittings and Colonial Thermoplastic Valves your solution for reliable flow control.



All SCH80 socket and thread dimensions meet ASTM requirements:

- PVC D-2467, D-2464 (ANSI B1.20.1)
- CPVC F-439, F437 (ANSI B1.20.1)
- All flange dimensions are ANSI/ASME B16.5 Class 150 (Steel flange bolt pattern).

Viton® is a registered trademark of DuPont Performance Elastomers.

Material Specifications

PVC conforms to ASTM D-1784, Cell Class 12454

CPVC conforms to ASTM D-1784, Cell Class 23447

PP conforms to ASTM D-4101 (Natural)

Plastic piping systems should be engineered, installed, operated and maintained in accordance with accepted standards and procedures. Suitability for the intended application should be determined and verified by the designer and/or installer. Prior to assembly, all piping components should be inspected for damage or irregularities, and for the proper fit of mating components. The published instructions of the manufacturers of all attributes of the piping system (including but not limited to: pipe, fittings, valves, solvent cement & primer, thread sealant) must be followed. All design, installation, operation and maintenance personnel must be trained on the proper precautions, use, handling, and installation of thermoplastic piping systems prior to use. A NOTE ON VALVE SELECTION: Ball Valves are designed for On/Off service and are NOT SUITABLE for long-term throttling in a semi-closed position. Butterfly Valves ARE SUITABLE for both throttling and for On/Off service.

TEMPERATURE CORRECTION FACTORS FOR VALVES & UNIONS (ABOVE 73°F)

Temp (°F)	PVC	CPVC	PP
73	1.00	1.00	1.00
80	.88	.96	.93
90	.75	.92	.83
100	.62	.85	.74
110	.50	.77	.66
120	.40	.70	.58
130	.30	.62	.51
140	.22	.55	.40
150	NR	.47	.38
160	NR	.40	.35
170	NR	.32	.29
180	NR	.25	.23
200	NR	.18	.14
210	NR	.15	.10
240	NR	NR	NR
280	NR	NR	NR

NR: Not Recommended

COMPRESSED AIR WARNING

The products in this document are only intended for use in transferring or storing chemically compatible pressurized liquids. Do not test or use products in this document with compressed air or other gases. Doing so is dangerous and could cause injury or great bodily harm should a system fail under compressed air. Only use products that are specifically designed for compressed air/gas service.

METAL TO PLASTIC TRANSITION WARNING

LASCO does not recommend the joining of metal male pipe threads with plastic female pipe threads. To join a metal system with a plastic system, we recommend the use of a flanged end connection.

Pressure ratings are for non-shock water at 73°F.

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Corrosion Resistant Thermoplastic Valves and Unions LIST PRICE SHEET

Visit Us Online!

LASCO[®] Fittings, Inc.

Schedule 80 - PVC Pressure Fittings

Includes:

- Schedule 80 - through 8"
- Schedule 80 - 10" and larger

List Prices

Effective: August 25, 2012

LASCO[®] Fittings, Inc.

Schedule 80 - CPVC Pressure Fittings

Includes:

- Schedule 80 - through 8"
- Schedule 80 - 10" and larger

List Prices

Effective: August 25, 2012

LASCO[®] Fittings, Inc.

PVC - White Pressure Fittings

Includes:

- Schedule 40 - through 8"
- Schedule 40 - 10" and larger
- Class 125
- Pool and Spa
- LASCOelite - Compression Fittings
- Slip Fix

List Prices

Effective: September 26, 2010

Please see our List Price Sheets or visit www.lascofittings.com for more information

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