

## Features and Benefits

- Thermoplastic design eliminates process and atmospheric corrosion.
- Pressure rated up to 150 psi, non-shock water at 73° F (Tested to 225 psi).
- 100% Leak Tested
- Socket & Thread dimensions meet ASTM standards:  
PVC: D-2467, D-2464  
CPVC: F-439, F437
- Material meets ASTM standard D-1784
- Replacement handle kits available.



Industrial MIP Compact Valves answer the need for an economically priced compact quarter turn ball valve for use in applications requiring high corrosion-resistance, and up to 150 psi working pressure. Available in 1/2 - 2" sizes in PVC and CPVC.

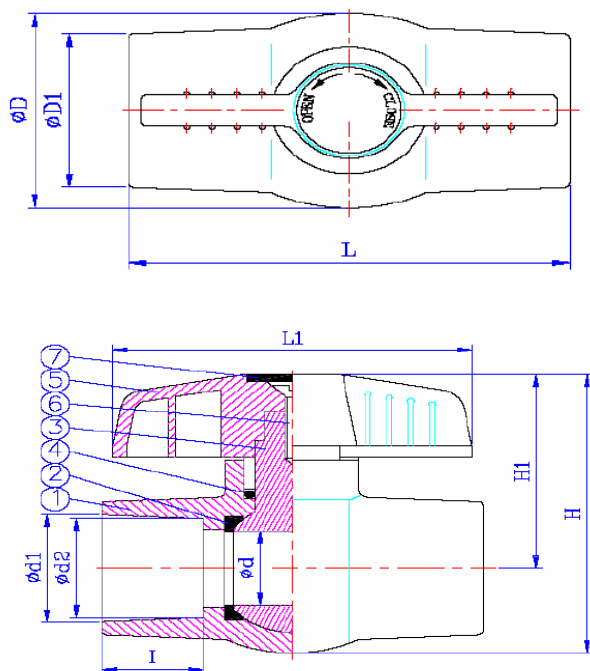


INDUSTRIAL MIP (MOLDED IN PLACE) COMPACT VALVE

PTFE Seats and FKM o-rings for increased corrosion-resistance and extended service life

Revised 7/10

**CUSTOMER SERVICE:** 6400 Corporate Ave., Portage, MI 49002  
Toll-free (800)374 0234, Phone (269)323 2495, Fax (269) 323 0630 [www.colonialengineering.com](http://www.colonialengineering.com)



**Pressure rated up to 150 psi,  
non-shock water at 73° F.**


Temperature / pressure de-rating table

Temp (°F)	PVC	CPVC
73	1.00	1.00
80	0.88	0.96
90	0.75	0.92
100	0.62	0.85
110	0.50	0.77
120	0.40	0.70
130	0.30	0.62
140	0.22	0.55
150	NR	0.47
160	NR	0.40
170	NR	0.32
180	NR	0.25
200	NR	0.18
210	NR	0.15
220	NR	NR

	1/2"	3/4"	1"	1-1/4"	1-1/2"	2
d1	7/8	1-1/16	1-5/16	1-11/16	1-15/16	2-3/8
d2	13/16	1-1/16	1-5/16	1-10/16	1-7/8	2-3/8
I	7/8	1	1-1/8	1-1/4	1-3/8	1-1/2
D	1-1/2	1-7/8	2	2-1/2	3	3-5/8
D1	1-1/8	1-1/2	1-3/4	2-1/8	2-1/2	3
d	1/2	3/4	1	1-1/8	1-3/8	1-7/8
L	3-1/4	3-3/4	4-1/8	4-1/2	5-1/8	5-3/4
L1	2-3/4	3-1/2	3-7/8	3-7/8	4-1/2	5-1/2
H	2-1/2	3-1/8	3-5/8	3-7/8	4-1/2	5-3/8
H1	1-3/4	2-1/8	2-1/2	2-5/8	3-1/8	3-1/2

Size	Gray PVC / FKM SxS	Gray PVC / FKM TxT	Light Gray CPVC / FKM SxS	Light Gray CPVC / FKM TxT
1/2	V07692N	V07792N	V07694N	V07794N
3/4	V08692N	V08792N	V08694N	V08794N
1	V10692N	V10792N	V10694N	V10794N
1-1/4	V14692N	V14792N	V14694N	V14794N
1-1/2	V17692N	V17792N	V17694N	V17794N
2	V20692N	V20792N	V20694N	V20794N

The terms FKM and Viton® both stand for one single base material: Fluorocarbon elastomer.  
 Viton® is the registered trade mark of DuPont Performance Elastomers.  
 PTFE (Polytetrafluoroethylene) is nearly insoluble and chemically inert fluorocarbon used for valve seats. It is also used to make Teflon®. PTFE has a natural lubricating quality and high thermal stability.  
 TEFLON® is a registered trademark of DuPont. Only DuPont makes Teflon.



**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. Call Colonial technical service for more information.

