Features and Benefits

- Thermoplastic design eliminates process and atmospheric corrosion.
- Pressure rated up to 150 psi, non-shock water at 73º F
- 100% Leak Tested
- Socket dimensions meet all ASTM requirements.
  PVC: D-2467, D-2464
  CPVC: F-439, F437
- Replacement handle kits available.
- PTFE Seats & FKM o-rings to handle hydrocarbons and corrosive fluids.

COLONIAL VALVE
A DIVISION OF COLONIAL ENGINEERING, INC.

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 & 3/4" sizes in PVC and CPVC.

INDUSTRIAL MIP (MOLDED IN PLACE) COMPACT VALVE ½ & ¾"

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

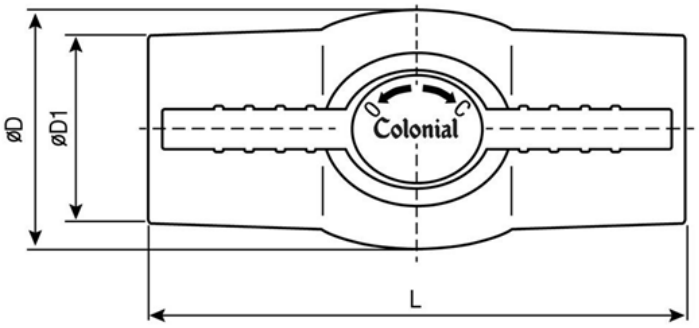
Revised 05-31-17 sizes ½ - 3/4" only

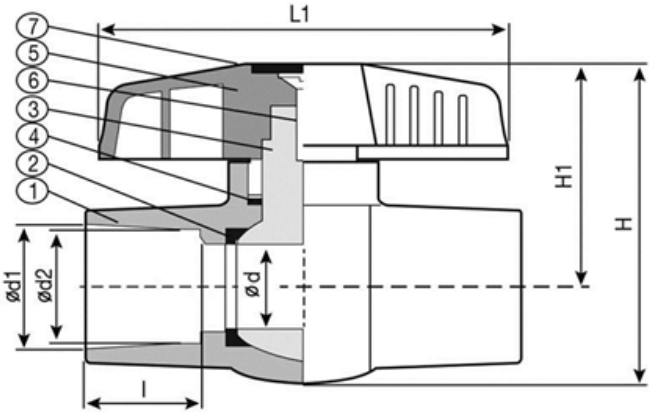
CUSTOMER SERVICE: 6400 Corporate Ave., Portage, MI 49002
Toll-free (800)374 0234, Phone (269)323 2495, Fax (269) 323 0630 www.colonialengineering.com

Part Numbers

Size	Gray PVC / FKM SxS	Gray PVC / FKM TxT	Light Gray CPVC / FKM SxS	Light Gray CPVC / FKM TxT
½	V07692N	V07792N	V07694N	V07794N
¾	V08692N	V08792N	V08694N	V08794N

For fluid handling only. Do not used with compressed air or gas





Dimensions (inches)

	1/2"	3/4"
d1	0.848	1.058
d2	0.836	1.046
l	0.875	1.000
D	1.496	1.929
D1	1.181	1.496
d	0.551	0.787
L	3.268	3.740
L1	2.756	3.465
H	2.441	3.071
H1	1.693	2.126

Materials

No	Part	Material	Qty
1	Body	PVC, CPVC	1
2	Seat	PTFE	2
3	Ball	PVC, CPVC	1
4	O-ring	FKM	1
5	Handle	ABS	1
6	Bolt	Zinc Plated Steel	1
7	Cap	ABS	1

Handle replacement kits (includes handle, cap, set-screw)

For Valve Size	Part No
½	V07491K
¾	V08491K

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

Temperature / pressure de-rating table

Temp (ºF)	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

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.

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