

THERMOPLASTIC VALVES

Manual & Actuated Thermoplastic Valves

IPEX offers one of the most comprehensive ranges of high quality, high performance thermoplastic valves and actuation products available today. With more than 50 years of design and manufacturing experience, our lightweight, long life, maintenance free valves will save you time and money.

Material options such as PVC, CPVC, PP, PVDF, and ABS make our corrosion resistant valves ideal for use in a wide variety of applications. Quarter turn pneumatic and electric actuation, pneumatically actuated diaphragm valves, and many options and accessories allow for fully automated control. Whether a valve is required for isolation, diversion, control, or throttling, IPEX has a solution to meet your needs.

APPLICATIONS

- Acid products handling for refineries, metal works, etc.
- Alum and ferric chloride handling
- Aquariums and aquatic animal life support systems
- Bleach, dye and acid lines
- Brine and seawater systems
- Chlorine injection, chlorine dioxide and chloralkali plant piping
- Pharmaceutical
- Plant chemical distribution lines
- Plant water supply and distribution
- Swimming pools
- Wash water recovery systems
- Water and wastewater treatment



WHAT TYPE OF VALVE TO USE	Ball Valves	Butterfly Valves	Diaphragm Valves	Check & Vent Valves	Specialty Valves
On/Off Service	✓	✓			
High Capacity	✓	✓			
Throttling	✓	✓	✓		✓
Quick & Frequent Cycling	✓				✓
Slurries/Dirty Fluids		✓	✓		
Filtering					✓
Back Flow Prevention				✓	
Air & Gas Release				✓	
Electro-Mechanical Control					✓
Actuation	✓	✓	✓		



VM SERIES PNEUMATIC DIAPHRAGM VALVES – NORMALLY OPEN / DOUBLE ACTING PNEUMATIC



Pressure: up to 150 psi at 73°F depending on the size
Size: 3" – 4"

Size (in)	Body Material	Diaphragm Material	IPS Spigot		ANSI 150 Flanged	
			Product Code	Universal #	Product Code	Universal #

Normally Open / Double Acting

3	PVC	EPDM	054417	VMYV110-NO	054462	VMOV110-NO
		FPM	054426	VMYV210-NO	054471	VMOV210-NO
		PTFE	054435	VMYV310-NO	054480	VMOV310-NO
	CPVC	EPDM	054489	VMYC110-NO	054534	VMOC110-NO
		FPM	054498	VMYC210-NO	054543	VMOC210-NO
		PTFE	054507	VMYC310-NO	054552	VMOC310-NO
4	PVC	EPDM	054418	VMYV111-NO	054463	VMOV111-NO
		FPM	054427	VMYV211-NO	054472	VMOV211-NO
		PTFE	054436	VMYV311-NO	054481	VMOV311-NO
	CPVC	EPDM	054490	VMYC111-NO	054535	VMOC111-NO
		FPM	054499	VMYC211-NO	054544	VMOC211-NO
		PTFE	054508	VMYC311-NO	054553	VMOC311-NO

Pressure: up to 150 psi at 73°F depending on the size
Size: 90mm – 110mm

Size (in)	Body Material	Diaphragm Material	IPS Spigot	
			Product Code	Universal #

Normally Open / Double Acting

90mm	PP	EPDM	054561	VMDM110-NO
		FPM	054570	VMDM210-NO
		PTFE	054579	VMDM310-NO
110mm	PP	EPDM	054562	VMDM111-NO
		FPM	054571	VMDM211-NO
		PTFE	054580	VMDM311-NO