

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 CLOSED 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 Closed

3	PVC	EPDM	054651	VMYV110-NC	054696	VMOV110-NC
		FPM	054660	VMYV210-NC	054705	VMOV210-NC
		PTFE	054669	VMYV310-NC	054714	VMOV310-NC
	CPVC	EPDM	054723	VMYC110-NC	054768	VMOC110-NC
		FPM	054732	VMYC210-NC	054778	VMOC210-NC
		PTFE	054741	VMYC310-NC	054787	VMOC310-NC
4	PVC	EPDM	054652	VMYV111-NC	054697	VMOV111-NC
		FPM	054661	VMYV211-NC	054706	VMOV211-NC
		PTFE	054670	VMYV311-NC	054715	VMOV311-NC
	CPVC	EPDM	054724	VMYC111-NC	054769	VMOC111-NC
		FPM	054733	VMYC211-NC	054779	VMOC211-NC
		PTFE	054742	VMYC311-NC	054788	VMOC311-NC

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 Closed

90mm	PP	EPDM	054796	VMDM110-NC
		FPM	054805	VMDM210-NC
		PTFE	054814	VMDM310-NC
110mm	PP	EPDM	054797	VMDM111-NC
		FPM	054806	VMDM211-NC
		PTFE	054815	VMDM311-NC