

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: 1/2" – 4"



End Connection	Size inches	Significant Number	EPDM Product Code	Significant Number	FPM Product Code	Significant Number	PTFE Product Code
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PVC Body

Spigot	1/2	VMYV103-NC	054644	VMYV203-NC	054653	VMYV303-NC	054662
Spigot	3/4	VMYV104-NC	054645	VMYV204-NC	054654	VMYV304-NC	054663
Spigot	1	VMYV105-NC	054646	VMYV205-NC	054655	VMYV305-NC	054664
Spigot	1-1/4	VMYV106-NC	054647	VMYV206-NC	054656	VMYV306-NC	054665
Spigot	1-1/2	VMYV107-NC	054648	VMYV207-NC	054657	VMYV307-NC	054666
Spigot	2	VMYV108-NC	054649	VMYV208-NC	054658	VMYV308-NC	054667
Spigot	2-1/2	VMYV109-NC	054650	VMYV209-NC	054659	VMYV309-NC	054668
Spigot	3	VMYV110-NC	054651	VMYV210-NC	054660	VMYV310-NC	054669
Spigot	4	VMYV111-NC	054652	VMYV211-NC	054661	VMYV311-NC	054670

PVC Body

T/U	1/2	VMUV103-NC	054671	VMUV203-NC	054677	VMUV303-NC	054683
T/U	3/4	VMUV104-NC	054672	VMUV204-NC	054678	VMUV304-NC	054684
T/U	1	VMUV105-NC	054673	VMUV205-NC	054679	VMUV305-NC	054685
T/U	1-1/4	VMUV106-NC	054674	VMUV206-NC	054680	VMUV306-NC	054686
T/U	1-1/2	VMUV107-NC	054675	VMUV207-NC	054681	VMUV307-NC	054687
T/U	2	VMUV108-NC	054676	VMUV208-NC	054682	VMUV308-NC	054688

PVC Body

Flanged	1/2	VMOV103-NC	054689	VMOV203-NC	054698	VMOV303-NC	054707
Flanged	3/4	VMOV104-NC	054690	VMOV204-NC	054699	VMOV304-NC	054708
Flanged	1	VMOV105-NC	054691	VMOV205-NC	054700	VMOV305-NC	054709
Flanged	1-1/4	VMOV106-NC	054692	VMOV206-NC	054701	VMOV306-NC	054710
Flanged	1-1/2	VMOV107-NC	054693	VMOV207-NC	054702	VMOV307-NC	054711
Flanged	2	VMOV108-NC	054694	VMOV208-NC	054703	VMOV308-NC	054712
Flanged	2-1/2	VMOV109-NC	054695	VMOV209-NC	054704	VMOV309-NC	054713
Flanged	3	VMOV110-NC	054696	VMOV210-NC	054705	VMOV310-NC	054714
Flanged	4	VMOV111-NC	054697	VMOV211-NC	054706	VMOV311-NC	054715