

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 (AIR TO AIR) 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-NO	054410	VMYV203-NO	054419	VMYV303-NO	054428
Spigot	3/4	VMYV104-NO	054411	VMYV204-NO	054420	VMYV304-NO	054429
Spigot	1	VMYV105-NO	054412	VMYV205-NO	054421	VMYV305-NO	054430
Spigot	1-1/4	VMYV106-NO	054413	VMYV206-NO	054422	VMYV306-NO	054431
Spigot	1-1/2	VMYV107-NO	054414	VMYV207-NO	054423	VMYV307-NO	054432
Spigot	2	VMYV108-NO	054415	VMYV208-NO	054424	VMYV308-NO	054433
Spigot	2-1/2	VMYV109-NO	054416	VMYV209-NO	054425	VMYV309-NO	054434
Spigot	3	VMYV110-NO	054417	VMYV210-NO	054426	VMYV310-NO	054435
Spigot	4	VMYV111-NO	054418	VMYV211-NO	054427	VMYV311-NO	054436

PVC Body

T/U	1/2	VMUV103-NO	054437	VMUV203-NO	054443	VMUV303-NO	054449
T/U	3/4	VMUV104-NO	054438	VMUV204-NO	054444	VMUV304-NO	054450
T/U	1	VMUV105-NO	054439	VMUV205-NO	054445	VMUV305-NO	054451
T/U	1-1/4	VMUV106-NO	054440	VMUV206-NO	054446	VMUV306-NO	054452
T/U	1-1/2	VMUV107-NO	054441	VMUV207-NO	054447	VMUV307-NO	054453
T/U	2	VMUV108-NO	054442	VMUV208-NO	054448	VMUV308-NO	054454

PVC Body

Flanged	1/2	VMOV103-NO	054455	VMOV203-NO	054464	VMOV303-NO	054473
Flanged	3/4	VMOV104-NO	054456	VMOV204-NO	054465	VMOV304-NO	054474
Flanged	1	VMOV105-NO	054457	VMOV205-NO	054466	VMOV305-NO	054475
Flanged	1-1/4	VMOV106-NO	054458	VMOV206-NO	054467	VMOV306-NO	054476
Flanged	1-1/2	VMOV107-NO	054459	VMOV207-NO	054468	VMOV307-NO	054477
Flanged	2	VMOV108-NO	054460	VMOV208-NO	054469	VMOV308-NO	054478
Flanged	2-1/2	VMOV109-NO	054461	VMOV209-NO	054470	VMOV309-NO	054479
Flanged	3	VMOV110-NO	054462	VMOV210-NO	054471	VMOV310-NO	054480
Flanged	4	VMOV111-NO	054463	VMOV211-NO	054472	VMOV311-NO	054481