

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 DIAPHRAGM VALVES – MANUAL HAND WHEEL

The VM series weir-style diaphragm valves are available in PVC, CPVC, PP, or PVDF, four body styles, and three choices of diaphragms (EPDM, FPM, or PTFE). Able to be mounted in any position, the VM is ideal for either very clean or abrasive slurry applications. A unique and proprietary PTFE diaphragm design, available automation, and multiple accessories make this one of the most advanced and versatile lines in the industry.

Pressure: up to 150 psi at 73°F depending on the size
 Size: 2-1/2" – 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	054175	VMYV203	054184	VMYV303	054193
Spigot	3/4	VMYV104	054176	VMYV204	054185	VMYV304	054194
Spigot	1	VMYV105	054177	VMYV205	054186	VMYV305	054195
Spigot	1-1/4	VMYV106	054178	VMYV206	054187	VMYV306	054196
Spigot	1-1/2	VMYV107	054179	VMYV207	054188	VMYV307	054197
Spigot	2	VMYV108	054180	VMYV208	054189	VMYV308	054198
Spigot	2-1/2	VMYV109	054181	VMYV209	054190	VMYV309	054199
Spigot	3	VMYV110	054182	VMYV210	054191	VMYV310	054200
Spigot	4	VMYV111	054183	VMYV211	054192	VMYV311	054201

PVC Body

T/U	1/2	VMUV103	054202	VMUV203	054214	VMUV303	054208
T/U	3/4	VMUV104	054203	VMUV204	054215	VMUV304	054209
T/U	1	VMUV105	054204	VMUV205	054216	VMUV305	054210
T/U	1-1/4	VMUV106	054205	VMUV206	054217	VMUV306	054211
T/U	1-1/2	VMUV107	054206	VMUV207	054218	VMUV307	054212
T/U	2	VMUV108	054207	VMUV208	054219	VMUV308	054213

PVC Body

Flanged	1/2	VMOV103	054220	VMOV203	054229	VMOV303	054238
Flanged	3/4	VMOV104	054221	VMOV204	054230	VMOV304	054239
Flanged	1	VMOV105	054222	VMOV205	054231	VMOV305	054240
Flanged	1-1/4	VMOV106	054223	VMOV206	054232	VMOV306	054241
Flanged	1-1/2	VMOV107	054224	VMOV207	054233	VMOV307	054242
Flanged	2	VMOV108	054225	VMOV208	054234	VMOV308	054243
Flanged	2-1/2	VMOV109	054226	VMOV209	054235	VMOV309	054244
Flanged	3	VMOV110	054227	VMOV210	054236	VMOV310	054245
Flanged	4	VMOV111	054228	VMOV211	054237	VMOV311	054246