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	1	✓	✓		✓
Quick & Frequent Cycling	1				✓
Slurries/Dirty Fluids		✓	✓		
Filtering					✓
Back Flow Prevention				✓	
Air & Gas Release				✓	
Electro-Mechanical Control					✓
Actuation	✓	✓	✓		
			•		



110mm

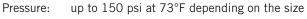
VM SERIES DIAPHRAGM VALVES - MANUAL HANDWHEE

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: 3" – 4"

Size (in)	Body Material	Diaphragm Material	IPS S Product Code		ANSI 150 Product Code		
Manual Handwheel							
		EPDM	054182	VMYV110	054227	VMOV110	
	PVC	FPM	054191	VMYV210	054236	VMOV210	
3	2	PTFE	054200	VMYV310	054245	VMOV310	
3	CPVC	EPDM	054254	VMYC110	054299	VMOC110	
		FPM	054263	VMYC210	054308	VMOC210	
		PTFE	054272	VMYC310	054317	VMOC310	
		EPDM	054183	VMYV111	054228	VMOV111	
	PVC	FPM	054192	VMYV211	054237	VMOV211	
4		PTFE	054201	VMYV311	054246	1246 VMOV311	
4	4	EPDM	054255	VMYC111	054300	VMOC111	
	CPVC	FPM	054264	VMYC211	054309	VMOC211	
		PTFE	054273	VMYC311	054318	VMOC311	



Size: 90mm – 110mm

Size (in)	Body Material	Diaphragm Material	IPS S Product Code				
Manual Handwheel							
90mm	PP	EPDM	054326	VMDM110			
		FPM	054335	VMDM210			
		PTFE	054344	VMDM310			
		EPDM	054327	VMDM111			

054336

054345

VMDM211

VMDM311

FPM

PTFE

