

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	✓	✓	✓		



CM SERIES COMPACT DIAPHRAGM VALVES

The CM is a compact design with true union ends, available in PVC, CPVC, PP, or PVDF. With three diaphragm options (EPDM, FPM, or PTFE), these manually operated or pneumatically actuated valves are ideal for OEMs. A standard position indicator and integrated mounting bushings complete the long list of features.

Pressure: up to 90 psi at 73°F
 Size: 1/2" in PVC and CPVC,
 16 mm – 20 mm in PP and PVDF



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

T/U S/T	3/8	CMBV102	253071	-	-	CMBV302	253072
T/U S/T	1/2	CMBV103	253073	-	-	CMBV303	253074
T/U Socket	1/2	CMUV103	054127	CMUV203	054129	CMUV303	054131

Corzan® CPVC Body

T/U Socket	1/2	CMUC103	054128	CMUC203	054130	CMUC303	054132
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End Connection	Size mm	Significant Number	EPDM Product Code	Significant Number	FPM Product Code	Significant Number	PTFE Product Code
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PP Body

Socket	16mm	CMIM102	054133	CMIM202	054136	CMIM302	054139
Spigot	20mm	CMDM103	054134	CMDM203	054137	CMDM303	054140
T/U Socket	20mm	CMUM103	054135	CMUM203	054138	CMUM303	054141

PVDF Body

Socket	16mm	CMIF102	054142	CMIF202	054145	CMIF302	054148
Spigot	20mm	CMDF103	054143	CMDF203	054146	CMDF303	054149
T/U Socket	20mm	CMUF103	054144	CMUF203	054147	CMUF303	054150