

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

Size (in)	Body Material	Diaphragm Material	True Union Socket/Threaded		True Union Socket	
			Product Code	Universal #	Product Code	Universal #

CM BODY

Size (in)	Body Material	Diaphragm Material	True Union Socket/Threaded Product Code	True Union Socket/Threaded Universal #	True Union Socket Product Code	True Union Socket Universal #
3/8	PVC	EPDM	253071	CMBV102	054127	CMUV103
		FPM	–	–	–	–
		PTFE	253072	CMBV302	–	–
1/2	PVC	EPDM	253073	CMBV103	–	–
		FPM	054129	CMUV203	–	–
		PTFE	253074	CMBV303	054131	CMUV303
	CPVC	EPDM	054128	CMUC103	–	–
		FPM	054130	CMUC203	–	–
		PTFE	054132	CMUC303	–	–

Pressure: up to 90 psi at 73°F
 Size: 16 mm – 20 mm in PP and PVDF

Size (in)	Body Material	Diaphragm Material	True Union Metric Socket		Metric Socket		Metric Spigot	
			Product Code	Universal #	Product Code	Universal #	Product Code	Universal #

CM BODY

Size (in)	Body Material	Diaphragm Material	True Union Metric Socket Product Code	True Union Metric Socket Universal #	Metric Socket Product Code	Metric Socket Universal #	Metric Spigot Product Code	Metric Spigot Universal #
16	PP	EPDM	–	–	054133	CMIM102	–	–
		FPM	–	–	054136	CMIM202	–	–
		PTFE	–	–	054139	CMIM302	–	–
	PVDF	EPDM	–	–	054142	CMIF102	–	–
		FPM	–	–	054145	CMIF202	–	–
		PTFE	–	–	054148	CMIF302	–	–
20	PP	EPDM	054135	CMUM103	–	–	054134	CMDM103
		FPM	054138	CMUM203	–	–	054137	CMDM203
		PTFE	054141	CMUM303	–	–	054140	CMDM303
	PVDF	EPDM	054144	CMUF103	–	–	054143	CMDF103
		FPM	054147	CMUF203	–	–	054146	CMDF203
		PTFE	054150	CMUF303	–	–	054149	CMDF303