

# 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 – NORMALLY CLOSED PNEUMATIC

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 Product Code	Universal #
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### CM BODY

1/2	PVC	EPDM	054151	CMUV103-NC
		FPM	054152	CMUV203-NC
		PTFE	054153	CMUV303-NC
	CPVC	EPDM	054154	CMUC103-NC
		FPM	054155	CMUC203-NC
		PTFE	054156	CMUC303-NC

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

16	PP	EPDM	–	–	054157	CMIM102-NC	–	–
		FPM	–	–	054160	CMIM202-NC	–	–
		PTFE	–	–	054163	CMIM302-NC	–	–
	PVDF	EPDM	–	–	054166	CMIF102-NC	–	–
		FPM	–	–	054169	CMIF202-NC	–	–
		PTFE	–	–	054172	CMIF302-NC	–	–
20	PP	EPDM	054159	CMUM103-NC	–	–	054158	CMDM103-NC
		FPM	054162	CMUM203-NC	–	–	054161	CMDM203-NC
		PTFE	054165	CMUM303-NC	–	–	054164	CMDM303-NC
	PVDF	EPDM	054168	CMUF103-NC	–	–	054167	CMDF103-NC
		FPM	054171	CMUF203-NC	–	–	054170	CMDF203-NC
		PTFE	054174	CMUF303-NC	–	–	054173	CMDF303-NC

Note: EPDM diaphragms have EPDM o-rings Viton® and PTFE diaphragms have Viton® o-rings.