

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	✓	✓	✓		



FK SERIES LUGGED BUTTERFLY VALVES

This FK version features the world's first integral lug design. Unlike other plastic butterfly valves, these valves feature stainless steel lugs permanently anchored in the body of the valve. This unique design provides for full bi-directional operation, and allows disassembly and assembly of the downstream flange connection without weakening the integrity of the upstream connection to the pressurized line. The same body, disc, and seal material options as the normal FK are available for the lugged version.

Pressure: up to 150 psi at 73°F depending on the size
 Sizes: 2-1/2" – 12"



EASYFIT HANDLE



WITH MOUNTED GEAR BOX

Size (in)	Diaphragm Material	SS Lugs		SS Lugs, Gear Box	
		Product Code	Universal #	Product Code	Universal #

FK LUGGED PP DISC

2-1/2	EPDM	053133	FKLM109	253133	FKLM109G
	FPM	053139	FKLM209	253139	FKLM209G
3	EPDM	053134	FKLM110	253134	FKLM110G
	FPM	053140	FKLM210	253140	FKLM210G
4	EPDM	053135	FKLM111	253135	FKLM111G
	FPM	053141	FKLM211	253141	FKLM211G
5	EPDM	053105	FKLM112	253136	FKLM112G
	FPM	053142	FKLM212	253142	FKLM212G
6	EPDM	053136	FKLM113	253137	FKLM113G
	FPM	053143	FKLM213	253143	FKLM213G
8	EPDM	053138	FKLM114	253138	FKLM114G
	FPM	053144	FKLM214	253144	FKLM214G
10	EPDM	-	-	053328	FKLM115G
	FPM	-	-	053330	FKLM215G
12	EPDM	-	-	053329	FKLM116G
	FPM	-	-	053331	FKLM216G

Note: PVC, CPVC, ABS, and PVDF discs are available upon request.
 14" – 24" butterfly valves are available on request.

These highly versatile valves can be used for simple on/off service but also for processes requiring precise throttling. End-of-line installation of a lugged version allows for downstream piping disassembly with the upstream system still under pressure. The extensive size range and material availability make them suitable for a wide range of applications. With simple, direct mounting for actuation, automated process control can be easily achieved.