

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	✓	✓	✓		



SC SERIES SWING CHECK VALVES

The SC combines superior flow rate with maximum versatility. With stainless wetted parts and hardware, top entry design, and extremely low back pressure requirements, these flanged valves are the perfect choice for back-flow prevention in large diameter lines, both vertical and horizontal. The SC is available in PVC with either EPDM or FPM seals.



Pressure: up to 100 psi at 73°F depending on the size
 Sizes: 3" – 8"

Size (in)	Diaphragm Material	Flanged	
		Product Code	Universal #

SC PVC FLANGED

3	EPDM	052289	SCOV110
	VITON	053875	SCOV210
4	EPDM	052290	SCOV111
	VITON	053876	SCOV211
6	EPDM	052291	SCOV113
	VITON	053877	SCOV213
8	EPDM	052292	SCOV114
	VITON	053878	SCOV214

VA SERIES AIR RELEASE VALVES – SINGLE UNION

The VA is one of only two such plastic valves in the industry, and the only one controlled by media and not pressure. Designed for tanks, slurries, or start-ups, the VA valve will economically and efficiently eliminate air or gas pockets as well as break potentially dangerous vacuums. This no-spill valve is offered in PVC with EPDM seals. FPM sealing kits are also available.

Pressure: 232 psi
 Sizes: 3/4", 1-1/4" and 2"



Size (in)	Diaphragm Material	Product Code	Universal Number
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PVC, Single Union

3/4	EPDM	053559	VAFV104
1-1/4	EPDM	053560	VAFV106
2	EPDM	053561	VAFV108

Size (in)	Product Code	Universal Number
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Viton® O-ring Set

3/4	153845	OVA204
1-1/4	153846	OVA206
2	153847	OVA208



Note: Valves supplied with dual (socket & threaded) end connectors for the exhaust port