

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	✓	✓	✓		



DK SERIES DIALOCK® DIAPHRAGM VALVES – NORMALLY CLOSED PNEUMATIC



Pressure: up to 150 psi at 73°F

Size: 1/2" – 3/4"

Size (in)	Body Material	Diaphragm Material	IPS Spigot		True Union IPS Socket		True Union FNPT Threaded		ANSI 150 Flanged	
			Product Code	Universal #	Product Code	Universal #	Product Code	Universal #	Product Code	Universal #

Normally Closed

1/2	PVC	EPDM	354644	DKYV103-NC	354671	DKUV103-NC	354136	DKFV103-NC	354689	DKOV103-NC
		FPM	354653	DKYV203-NC	354677	DKUV203-NC	354142	DKFV203-NC	354698	DKOV203-NC
		PTFE	354662	DKYV303-NC	354683	DKUV303-NC	354148	DKFV303-NC	354707	DKOV303-NC
	CPVC	EPDM	354716	DKYC103-NC	354743	DKUC103-NC	354154	DKFC103-NC	354761	DKOC103-NC
		FPM	354725	DKYC203-NC	354749	DKUC203-NC	354160	DKFC203-NC	354770	DKOC203-NC
		PTFE	354734	DKYC303-NC	354755	DKUC303-NC	354166	DKFC303-NC	354780	DKOC303-NC
3/4	PVC	EPDM	354645	DKYV104-NC	354672	DKUV104-NC	354137	DKFV104-NC	354690	DKOV104-NC
		FPM	354654	DKYV204-NC	354678	DKUV204-NC	354143	DKFV204-NC	354699	DKOV204-NC
		PTFE	354663	DKYV304-NC	354684	DKUV304-NC	354149	DKFV304-NC	354708	DKOV304-NC
	CPVC	EPDM	354717	DKYC104-NC	354744	DKUC104-NC	354155	DKFC104-NC	354762	DKOC104-NC
		FPM	354726	DKYC204-NC	354750	DKUC204-NC	354161	DKFC204-NC	354771	DKOC204-NC
		PTFE	354735	DKYC304-NC	354756	DKUC304-NC	354167	DKFC304-NC	354781	DKOC304-NC

Pressure: up to 150 psi at 73°F

Size: 20mm – 25mm

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

Normally Closed

20	PP	EPDM	354789	DKDM103-NC	354816	DKUM103-NC
		FPM	354798	DKDM203-NC	354824	DKUM203-NC
		PTFE	354807	DKDM303-NC	354830	DKUM303-NC
	PVDF	EPDM	354836	DKDF103-NC	354863	DKUF103-NC
		FPM	354845	DKDF203-NC	354868	DKUF203-NC
		PTFE	354854	DKDF303-NC	354874	DKUF303-NC
25	PP	EPDM	354790	DKDM104-NC	354819	DKUM104-NC
		FPM	354799	DKDM204-NC	354825	DKUM204-NC
		PTFE	354808	DKDM304-NC	354831	DKUM304-NC
	PVDF	EPDM	354837	DKDF104-NC	354864	DKUF104-NC
		FPM	354846	DKDF204-NC	354869	DKUF204-NC
		PTFE	354855	DKDF304-NC	354875	DKUF304-NC

Note: Other options are available on request.

Note: EPDM diaphragms have EPDM o-rings, FPM and PTFE diaphragms have FPM o-rings. DK Series Diaphragm valves are made-to-order.