

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 OPEN / DOUBLE ACTING



Pressure: up to 150 psi at 73°F

Size: 1" – 2-1/2"

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 Open / Double Acting

1	PVC	EPDM	354003	DKYV105-NO	354439	DKUV105-NO	354064	DKFV105-NO	354457	DKOV105-NO
		FPM	354421	DKYV205-NO	354445	DKUV205-NO	354068	DKFV205-NO	354466	DKOV205-NO
		PTFE	354430	DKYV305-NO	354451	DKUV305-NO	354072	DKFV305-NO	354475	DKOV305-NO
	CPVC	EPDM	354484	DKYC105-NO	354511	DKUC105-NO	354106	DKFC105-NO	354529	DKOC105-NO
		FPM	354493	DKYC205-NO	354517	DKUC205-NO	354110	DKFC205-NO	354538	DKOC205-NO
		PTFE	354502	DKYC305-NO	354523	DKUC305-NO	354114	DKFC305-NO	354547	DKOC305-NO
1-1/4	PVC	EPDM	354413	DKYV106-NO	354440	DKUV106-NO	354065	DKFV106-NO	354458	DKOV106-NO
		FPM	354422	DKYV206-NO	354446	DKUV206-NO	354069	DKFV206-NO	354467	DKOV206-NO
		PTFE	354431	DKYV306-NO	354452	DKUV306-NO	354073	DKFV306-NO	354476	DKOV306-NO
	CPVC	EPDM	354485	DKYC106-NO	354512	DKUC106-NO	354107	DKFC106-NO	354530	DKOC106-NO
		FPM	354494	DKYC206-NO	354518	DKUC206-NO	354111	DKFC206-NO	354539	DKOC206-NO
		PTFE	354503	DKYC306-NO	354524	DKUC306-NO	354115	DKFC306-NO	354548	DKOC306-NO
1-1/2	PVC	EPDM	354414	DKYV107-NO	354441	DKUV107-NO	354066	DKFV107-NO	354459	DKOV107-NO
		FPM	354423	DKYV207-NO	354447	DKUV207-NO	354070	DKFV207-NO	354468	DKOV207-NO
		PTFE	354432	DKYV307-NO	354453	DKUV307-NO	354074	DKFV307-NO	354477	DKOV307-NO
	CPVC	EPDM	354486	DKYC107-NO	354513	DKUC107-NO	354108	DKFC107-NO	354531	DKOC107-NO
		FPM	354495	DKYC207-NO	354519	DKUC207-NO	354112	DKFC207-NO	354540	DKOC207-NO
		PTFE	354504	DKYC307-NO	354525	DKUC307-NO	354116	DKFC307-NO	354549	DKOC307-NO
2	PVC	EPDM	354415	DKYV108-NO	354442	DKUV108-NO	354067	DKFV108-NO	354460	DKOV108-NO
		FPM	354424	DKYV208-NO	354448	DKUV208-NO	354071	DKFV208-NO	354469	DKOV208-NO
		PTFE	354433	DKYV308-NO	354454	DKUV308-NO	354075	DKFV308-NO	354478	DKOV308-NO
	CPVC	EPDM	354487	DKYC108-NO	354514	DKUC108-NO	354109	DKFC108-NO	354532	DKOC108-NO
		FPM	354496	DKYC208-NO	354520	DKUC208-NO	354113	DKFC208-NO	354541	DKOC208-NO
		PTFE	354505	DKYC308-NO	354526	DKUC308-NO	354117	DKFC308-NO	354550	DKOC308-NO
2-1/2	PVC	EPDM	354416	DKYV109-NO	-	-	-	-	354461	DKOV109-NO
		FPM	354425	DKYV209-NO	-	-	-	-	354470	DKOV209-NO
		PTFE	354434	DKYV309-NO	-	-	-	-	354479	DKOV309-NO
	CPVC	EPDM	354488	DKYC109-NO	-	-	-	-	354533	DKOC109-NO
		FPM	354497	DKYC209-NO	-	-	-	-	354542	DKOC209-NO
		PTFE	354506	DKYC309-NO	-	-	-	-	354551	DKOC309-NO

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.

Pressure: up to 150 psi at 73°F

Size: 32mm – 75mm

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

Normally Open / Double Acting

32	PP	EPDM	354556	DKDM105-NO	354583	DKUM105-NO
		FPM	354565	DKDM205-NO	354589	DKUM205-NO
		PTFE	354574	DKDM305-NO	354595	DKUM305-NO
	PVDF	EPDM	354601	DKDF105-NO	354628	DKUF105-NO
		FPM	354610	DKDF205-NO	354634	DKUF205-NO
		PTFE	354619	DKDF305-NO	354640	DKUF305-NO
40	PP	EPDM	354557	DKDM106-NO	354584	DKUM106-NO
		FPM	354566	DKDM206-NO	354590	DKUM206-NO
		PTFE	354575	DKDM306-NO	354596	DKUM306-NO
	PVDF	EPDM	354602	DKDF106-NO	354629	DKUF106-NO
		FPM	354611	DKDF206-NO	354635	DKUF206-NO
		PTFE	354620	DKDF306-NO	354641	DKUF306-NO
50	PP	EPDM	354558	DKDM107-NO	354585	DKUM107-NO
		FPM	354567	DKDM207-NO	354591	DKUM207-NO
		PTFE	354576	DKDM307-NO	354597	DKUM307-NO
	PVDF	EPDM	354603	DKDF107-NO	354630	DKUF107-NO
		FPM	354612	DKDF207-NO	354636	DKUF207-NO
		PTFE	354621	DKDF307-NO	354642	DKUF307-NO
63	PP	EPDM	354559	DKDM108-NO	354586	DKUM108-NO
		FPM	354568	DKDM208-NO	354592	DKUM208-NO
		PTFE	354577	DKDM308-NO	354598	DKUM308-NO
	PVDF	EPDM	354604	DKDF108-NO	354631	DKUF108-NO
		FPM	354613	DKDF208-NO	354637	DKUF208-NO
		PTFE	354622	DKDF308-NO	354643	DKUF308-NO
75	PP	EPDM	354560	DKDM109-NO	-	-
		FPM	354569	DKDM209-NO	-	-
		PTFE	354578	DKDM309-NO	-	-
	PVDF	EPDM	354605	DKDF109-NO	-	-
		FPM	354614	DKDF209-NO	-	-
		PTFE	354623	DKDF309-NO	-	-

Note: Other options are available on request.