

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" – 2-1/2"

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 Closed										
1	PVC	EPDM	354646	DKYV105-NC	354673	DKUV105-NC	354138	DKFV105-NC	354691	DKOV105-NC
		FPM	354655	DKYV205-NC	354679	DKUV205-NC	354144	DKFV205-NC	354700	DKOV205-NC
		PTFE	354664	DKYV305-NC	354685	DKUV305-NC	354150	DKFV305-NC	354709	DKOV305-NC
	CPVC	EPDM	354718	DKYC105-NC	354745	DKUC105-NC	354156	DKFC105-NC	354763	DKOC105-NC
		FPM	354727	DKYC205-NC	354751	DKUC205-NC	354162	DKFC205-NC	354772	DKOC205-NC
		PTFE	354736	DKYC305-NC	354757	DKUC305-NC	354168	DKFC305-NC	354782	DKOC305-NC
1-1/4	PVC	EPDM	354647	DKYV106-NC	354674	DKUV106-NC	354139	DKFV106-NC	354692	DKOV106-NC
		FPM	354656	DKYV206-NC	354680	DKUV206-NC	354145	DKFV206-NC	354701	DKOV206-NC
		PTFE	354665	DKYV306-NC	354686	DKUV306-NC	354151	DKFV306-NC	354710	DKOV306-NC
	CPVC	EPDM	354719	DKYC106-NC	354746	DKUC106-NC	354157	DKFC106-NC	354764	DKOC106-NC
		FPM	354728	DKYC206-NC	354752	DKUC206-NC	354163	DKFC206-NC	354773	DKOC206-NC
		PTFE	354737	DKYC306-NC	354758	DKUC306-NC	354169	DKFC306-NC	354783	DKOC306-NC
1-1/2	PVC	EPDM	354648	DKYV107-NC	354675	DKUV107-NC	354140	DKFV107-NC	354693	DKOV107-NC
		FPM	354657	DKYV207-NC	354681	DKUV207-NC	354146	DKFV207-NC	354702	DKOV207-NC
		PTFE	354666	DKYV307-NC	354687	DKUV307-NC	354152	DKFV307-NC	354711	DKOV307-NC
	CPVC	EPDM	354720	DKYC107-NC	354747	DKUC107-NC	354158	DKFC107-NC	354765	DKOC107-NC
		FPM	354729	DKYC207-NC	354753	DKUC207-NC	354164	DKFC207-NC	354774	DKOC207-NC
		PTFE	354738	DKYC307-NC	354759	DKUC307-NC	354170	DKFC307-NC	354784	DKOC307-NC
2	PVC	EPDM	354649	DKYV108-NC	354676	DKUV108-NC	354141	DKFV108-NC	354694	DKOV108-NC
		FPM	354658	DKYV208-NC	354682	DKUV208-NC	354147	DKFV208-NC	354703	DKOV208-NC
		PTFE	354667	DKYV308-NC	354688	DKUV308-NC	354153	DKFV308-NC	354712	DKOV308-NC
	CPVC	EPDM	354721	DKYC108-NC	354748	DKUC108-NC	354159	DKFC108-NC	354766	DKOC108-NC
		FPM	354730	DKYC208-NC	354754	DKUC208-NC	354165	DKFC208-NC	354775	DKOC208-NC
		PTFE	354739	DKYC308-NC	354760	DKUC308-NC	354171	DKFC308-NC	354785	DKOC308-NC
2-1/2	PVC	EPDM	354650	DKYV109-NC	-	-	-	-	354695	DKOV109-NC
		FPM	354659	DKYV209-NC	-	-	-	-	354704	DKOV209-NC
		PTFE	354668	DKYV309-NC	-	-	-	-	354713	DKOV309-NC
	CPVC	EPDM	354722	DKYC109-NC	-	-	-	-	354767	DKOC109-NC
		FPM	354731	DKYC209-NC	-	-	-	-	354776	DKOC209-NC
		PTFE	354740	DKYC309-NC	-	-	-	-	354786	DKOC309-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.

Pressure: up to 150 psi at 73°F

Size: 32mm – 75mm

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

Normally Closed

32	PP	EPDM	354791	DKDM105-NC	354820	DKUM105-NC
		FPM	354800	DKDM205-NC	354826	DKUM205-NC
		PTFE	354809	DKDM305-NC	354832	DKUM305-NC
	PVDF	EPDM	354838	DKDF105-NC	354817	DKUF105-NC
		FPM	354847	DKDF205-NC	354870	DKUF205-NC
		PTFE	354856	DKDF305-NC	354876	DKUF305-NC
40	PP	EPDM	354792	DKDM106-NC	354821	DKUM106-NC
		FPM	354801	DKDM206-NC	354827	DKUM206-NC
		PTFE	354810	DKDM306-NC	354833	DKUM306-NC
	PVDF	EPDM	354839	DKDF106-NC	354865	DKUF106-NC
		FPM	354848	DKDF206-NC	354871	DKUF206-NC
		PTFE	354857	DKDF306-NC	354877	DKUF306-NC
50	PP	EPDM	354793	DKDM107-NC	354822	DKUM107-NC
		FPM	354802	DKDM207-NC	354828	DKUM207-NC
		PTFE	354811	DKDM307-NC	354834	DKUM307-NC
	PVDF	EPDM	354840	DKDF107-NC	354866	DKUF107-NC
		FPM	354849	DKDF207-NC	354872	DKUF207-NC
		PTFE	354858	DKDF307-NC	354878	DKUF307-NC
63	PP	EPDM	354794	DKDM108-NC	354823	DKUM108-NC
		FPM	354803	DKDM208-NC	354829	DKUM208-NC
		PTFE	354812	DKDM308-NC	354835	DKUM308-NC
	PVDF	EPDM	354841	DKDF108-NC	354867	DKUF108-NC
		FPM	354850	DKDF208-NC	354873	DKUF208-NC
		PTFE	354859	DKDF308-NC	354879	DKUF308-NC
75	PP	EPDM	354795	DKDM109-NC	-	-
		FPM	354804	DKDM209-NC	-	-
		PTFE	354813	DKDM309-NC	-	-
	PVDF	EPDM	354842	DKDF109-NC	-	-
		FPM	354851	DKDF209-NC	-	-
		PTFE	354860	DKDF309-NC	-	-

Note: Other options are available on request.