

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	✓	✓	✓		



VM SERIES PNEUMATIC DIAPHRAGM VALVES – NORMALLY CLOSED PNEUMATIC



End Connection	Size inches	Significant Number	EPDM Product Code	Significant Number	FPM Product Code	Significant Number	PTFE Product Code
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Corzan® CPVC Body

Spigot	1/2	VMYC103-NC	054716	VMYC203-NC	054725	VMYC303-NC	054734
Spigot	3/4	VMYC104-NC	054717	VMYC204-NC	054726	VMYC304-NC	054735
Spigot	1	VMYC105-NC	054718	VMYC205-NC	054727	VMYC305-NC	054736
Spigot	1-1/4	VMYC106-NC	054719	VMYC206-NC	054728	VMYC306-NC	054737
Spigot	1-1/2	VMYC107-NC	054720	VMYC207-NC	054729	VMYC307-NC	054738
Spigot	2	VMYC108-NC	054721	VMYC208-NC	054730	VMYC308-NC	054739
Spigot	2-1/2	VMYC109-NC	054722	VMYC209-NC	054731	VMYC309-NC	054740
Spigot	3	VMYC110-NC	054723	VMYC210-NC	054732	VMYC310-NC	054741
Spigot	4	VMYC111-NC	054724	VMYC211-NC	054733	VMYC311-NC	054742

Corzan® CPVC Body

T/U	1/2	VMUC103-NC	054743	VMUC203-NC	054749	VMUC303-NC	054755
T/U	3/4	VMUC104-NC	054744	VMUC204-NC	054750	VMUC304-NC	054756
T/U	1	VMUC105-NC	054745	VMUC205-NC	054751	VMUC305-NC	054757
T/U	1-1/4	VMUC106-NC	054746	VMUC206-NC	054752	VMUC306-NC	054758
T/U	1-1/2	VMUC107-NC	054747	VMUC207-NC	054753	VMUC307-NC	054759
T/U	2	VMUC108-NC	054748	VMUC208-NC	054754	VMUC308-NC	054760

Corzan® CPVC Body

Flanged	1/2	VMOC103-NC	054761	VMOC203-NC	054770	VMOC303-NC	054780
Flanged	3/4	VMOC104-NC	054762	VMOC204-NC	054771	VMOC304-NC	054781
Flanged	1	VMOC105-NC	054763	VMOC205-NC	054772	VMOC305-NC	054782
Flanged	1-1/4	VMOC106-NC	054764	VMOC206-NC	054773	VMOC306-NC	054783
Flanged	1-1/2	VMOC107-NC	054765	VMOC207-NC	054774	VMOC307-NC	054784
Flanged	2	VMOC108-NC	054766	VMOC208-NC	054775	VMOC308-NC	054785
Flanged	2-1/2	VMOC109-NC	054767	VMOC209-NC	054776	VMOC309-NC	054786
Flanged	3	VMOC110-NC	054768	VMOC210-NC	054778	VMOC310-NC	054787
Flanged	4	VMOC111-NC	054769	VMOC211-NC	054779	VMOC311-NC	054788

End Connection	Size mm	Significant Number	EPDM Product Code	Significant Number	FPM Product Code	Significant Number	PTFE Product Code
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PP Body

Spigot	20mm	VMDM103-NC	054789	VMDM203-NC	054798	VMDM303-NC	054807
Spigot	25mm	VMDM104-NC	054790	VMDM204-NC	054799	VMDM304-NC	054808
Spigot	32mm	VMDM105-NC	054791	VMDM205-NC	054800	VMDM305-NC	054809
Spigot	40mm	VMDM106-NC	054792	VMDM206-NC	054801	VMDM306-NC	054810
Spigot	50mm	VMDM107-NC	054793	VMDM207-NC	054802	VMDM307-NC	054811
Spigot	63mm	VMDM108-NC	054794	VMDM208-NC	054803	VMDM308-NC	054812
Spigot	75mm	VMDM109-NC	054795	VMDM209-NC	054804	VMDM309-NC	054813
Spigot	90mm	VMDM110-NC	054796	VMDM210-NC	054805	VMDM310-NC	054814
Spigot	110mm	VMDM111-NC	054797	VMDM211-NC	054806	VMDM311-NC	054815

PP Body

T/U	20mm	VMUM103-NC	054816	VMUM203-NC	054824	VMUM303-NC	054830
T/U	25mm	VMUM104-NC	054819	VMUM204-NC	054825	VMUM304-NC	054831
T/U	32mm	VMUM105-NC	054820	VMUM205-NC	054826	VMUM305-NC	054832
T/U	40mm	VMUM106-NC	054821	VMUM206-NC	054827	VMUM306-NC	054833
T/U	50mm	VMUM107-NC	054822	VMUM207-NC	054828	VMUM307-NC	054834
T/U	63mm	VMUM108-NC	054823	VMUM208-NC	054829	VMUM308-NC	054835

Note: EPDM diaphragms have EPDM o-rings, Viton® and PTFE diaphragms have Viton® o-rings. Other options are available on request. VM Series Diaphragm valves are made-to-order.