

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 OPEN (AIR TO AIR) 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-NO	054482	VMYC203-NO	054491	VMYC303-NO	054500
Spigot	3/4	VMYC104-NO	054483	VMYC204-NO	054492	VMYC304-NO	054501
Spigot	1	VMYC105-NO	054484	VMYC205-NO	054493	VMYC305-NO	054502
Spigot	1-1/4	VMYC106-NO	054485	VMYC206-NO	054494	VMYC306-NO	054503
Spigot	1-1/2	VMYC107-NO	054486	VMYC207-NO	054495	VMYC307-NO	054504
Spigot	2	VMYC108-NO	054487	VMYC208-NO	054496	VMYC308-NO	054505
Spigot	2-1/2	VMYC109-NO	054488	VMYC209-NO	054497	VMYC309-NO	054506
Spigot	3	VMYC110-NO	054489	VMYC210-NO	054498	VMYC310-NO	054507
Spigot	4	VMYC111-NO	054490	VMYC211-NO	054499	VMYC311-NO	054508

Corzan® CPVC Body

T/U	1/2	VMUC103-NO	054509	VMUC203-NO	054515	VMUC303-NO	054521
T/U	3/4	VMUC104-NO	054510	VMUC204-NO	054516	VMUC304-NO	054522
T/U	1	VMUC105-NO	054511	VMUC205-NO	054517	VMUC305-NO	054523
T/U	1-1/4	VMUC106-NO	054512	VMUC206-NO	054518	VMUC306-NO	054524
T/U	1-1/2	VMUC107-NO	054513	VMUC207-NO	054519	VMUC307-NO	054525
T/U	2	VMUC108-NO	054514	VMUC208-NO	054520	VMUC308-NO	054526

Corzan® CPVC Body

Flanged	1/2	VMOC103-NO	054527	VMOC203-NO	054536	VMOC303-NO	054545
Flanged	3/4	VMOC104-NO	054528	VMOC204-NO	054537	VMOC304-NO	054546
Flanged	1	VMOC105-NO	054529	VMOC205-NO	054538	VMOC305-NO	054547
Flanged	1-1/4	VMOC106-NO	054530	VMOC206-NO	054539	VMOC306-NO	054548
Flanged	1-1/2	VMOC107-NO	054531	VMOC207-NO	054540	VMOC307-NO	054549
Flanged	2	VMOC108-NO	054532	VMOC208-NO	054541	VMOC308-NO	054550
Flanged	2-1/2	VMOC109-NO	054533	VMOC209-NO	054542	VMOC309-NO	054551
Flanged	3	VMOC110-NO	054534	VMOC210-NO	054543	VMOC310-NO	054552
Flanged	4	VMOC111-NO	054535	VMOC211-NO	054544	VMOC311-NO	054553

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-NO	054554	VMDM203-NO	054563	VMDM303-NO	054572
Spigot	25mm	VMDM104-NO	054555	VMDM204-NO	054564	VMDM304-NO	054573
Spigot	32mm	VMDM105-NO	054556	VMDM205-NO	054565	VMDM305-NO	054574
Spigot	40mm	VMDM106-NO	054557	VMDM206-NO	054566	VMDM306-NO	054575
Spigot	50mm	VMDM107-NO	054558	VMDM207-NO	054567	VMDM307-NO	054576
Spigot	63mm	VMDM108-NO	054559	VMDM208-NO	054568	VMDM308-NO	054577
Spigot	75mm	VMDM109-NO	054560	VMDM209-NO	054569	VMDM309-NO	054578
Spigot	90mm	VMDM110-NO	054561	VMDM210-NO	054570	VMDM310-NO	054579
Spigot	110mm	VMDM111-NO	054562	VMDM211-NO	054571	VMDM311-NO	054580

PP Body

T/U	20mm	VMUM103-NO	054581	VMUM203-NO	054587	VMUM303-NO	054593
T/U	25mm	VMUM104-NO	054582	VMUM204-NO	054588	VMUM304-NO	054594
T/U	32mm	VMUM105-NO	054583	VMUM205-NO	054589	VMUM305-NO	054595
T/U	40mm	VMUM106-NO	054584	VMUM206-NO	054590	VMUM306-NO	054596
T/U	50mm	VMUM107-NO	054585	VMUM207-NO	054591	VMUM307-NO	054597
T/U	63mm	VMUM108-NO	054586	VMUM208-NO	054592	VMUM308-NO	054598

Note: EPDM diaphragms have EPDM o-rings, Viton® and PTFE diaphragms have Viton® o-rings. For ABS and u-PP VM diaphragm valves, please refer to the Duraplus ABS Industrial and Enpure. Other options are available on request. VM Series Diaphragm valves are made-to-order.