

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 DIAPHRAGM VALVES – MANUAL HAND WHEEL



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	054247	VMYC203	054256	VMYC303	054265
Spigot	3/4	VMYC104	054248	VMYC204	054257	VMYC304	054266
Spigot	1	VMYC105	054249	VMYC205	054258	VMYC305	054267
Spigot	1-1/4	VMYC106	054250	VMYC206	054259	VMYC306	054268
Spigot	1-1/2	VMYC107	054251	VMYC207	054260	VMYC307	054269
Spigot	2	VMYC108	054252	VMYC208	054261	VMYC308	054270
Spigot	2-1/2	VMYC109	054253	VMYC209	054262	VMYC309	054271
Spigot	3	VMYC110	054254	VMYC210	054263	VMYC310	054272
Spigot	4	VMYC111	054255	VMYC211	054264	VMYC311	054273

Corzan® CPVC Body

T/U	1/2	VMUC103	054274	VMUC203	054280	VMUC303	054286
T/U	3/4	VMUC104	054275	VMUC204	054281	VMUC304	054287
T/U	1	VMUC105	054276	VMUC205	054282	VMUC305	054288
T/U	1-1/4	VMUC106	054277	VMUC206	054283	VMUC306	054289
T/U	1-1/2	VMUC107	054278	VMUC207	054284	VMUC307	054290
T/U	2	VMUC108	054279	VMUC208	054285	VMUC308	054291

Corzan® CPVC Body

Flanged	1/2	VMOC103	054292	VMOC203	054301	VMOC303	054310
Flanged	3/4	VMOC104	054293	VMOC204	054302	VMOC304	054311
Flanged	1	VMOC105	054294	VMOC205	054303	VMOC305	054312
Flanged	1-1/4	VMOC106	054295	VMOC206	054304	VMOC306	054313
Flanged	1-1/2	VMOC107	054296	VMOC207	054305	VMOC307	054314
Flanged	2	VMOC108	054297	VMOC208	054306	VMOC308	054315
Flanged	2-1/2	VMOC109	054298	VMOC209	054307	VMOC309	054316
Flanged	3	VMOC110	054299	VMOC210	054308	VMOC310	054317
Flanged	4	VMOC111	054300	VMOC211	054309	VMOC311	054318

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	054319	VMDM203	054328	VMDM303	054337
Spigot	25mm	VMDM104	054320	VMDM204	054329	VMDM304	054338
Spigot	32mm	VMDM105	054321	VMDM205	054330	VMDM305	054339
Spigot	40mm	VMDM106	054322	VMDM206	054331	VMDM306	054340
Spigot	50mm	VMDM107	054323	VMDM207	054332	VMDM307	054341
Spigot	63mm	VMDM108	054324	VMDM208	054333	VMDM308	054342
Spigot	75mm	VMDM109	054325	VMDM209	054334	VMDM309	054343
Spigot	90mm	VMDM110	054326	VMDM210	054335	VMDM310	054344
Spigot	110mm	VMDM111	054327	VMDM211	054336	VMDM311	054345

PP Body

T/U	20mm	VMUM103	054346	VMUM203	054352	VMUM303	054358
T/U	25mm	VMUM104	054347	VMUM204	054353	VMUM304	054359
T/U	32mm	VMUM105	054348	VMUM205	054354	VMUM305	054360
T/U	40mm	VMUM106	054349	VMUM206	054355	VMUM306	054361
T/U	50mm	VMUM107	054350	VMUM207	054356	VMUM307	054362
T/U	63mm	VMUM108	054351	VMUM208	054357	VMUM308	054363

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.