

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 | ✓ | ✓ | ✓ | | |



DM SERIES DIAPHRAGM VALVES – DIRECT ACTING PNEU

Available in both PVC and CPVC, and with either an EPDM or FPM diaphragm, its rugged construction allows the ultra-compact DM to handle even extremely aggressive media. The direct operation of the diaphragm does not require a closing spring, which makes the small DM particularly suitable when space is at a premium.



Pressure: up to 115 psi at 73°F depending upon the available control pressure

Sizes: 1/2" – 2"

| Size (in) | Diaphragm Material | Spigot | | True Union | | Flanged | |
|-----------|--------------------|--------------|-------------|--------------|-------------|--------------|-------------|
| | | Product Code | Universal # | Product Code | Universal # | Product Code | Universal # |

DM PVC BODY

| | | | | | | | |
|-------|------|--------|---------|--------|---------|--------|---------|
| 1/2 | EPDM | 054880 | DMYV103 | 054892 | DMUV103 | 054904 | DMOV103 |
| | FPM | 054886 | DMYV203 | 054898 | DMUV203 | 054910 | DMOV203 |
| 3/4 | EPDM | 054881 | DMYV104 | 054893 | DMUV104 | 054905 | DMOV104 |
| | FPM | 054887 | DMYV204 | 054899 | DMUV204 | 054911 | DMOV204 |
| 1 | EPDM | 054882 | DMYV105 | 054894 | DMUV105 | 054906 | DMOV105 |
| | FPM | 054888 | DMYV205 | 054900 | DMUV205 | 054912 | DMOV205 |
| 1-1/4 | EPDM | 054883 | DMYV106 | 054895 | DMUV106 | 054907 | DMOV106 |
| | FPM | 054889 | DMYV206 | 054901 | DMUV206 | 054913 | DMOV206 |
| 1-1/2 | EPDM | 054884 | DMYV107 | 054896 | DMUV107 | 054908 | DMOV107 |
| | FPM | 054890 | DMYV207 | 054902 | DMUV207 | 054914 | DMOV207 |
| 2 | EPDM | 054885 | DMYV108 | 054897 | DMUV108 | 054909 | DMOV108 |
| | FPM | 054891 | DMYV208 | 054903 | DMUV208 | 054915 | DMOV208 |