

- Domestic -

+GF+ PVC Ball Valves

George Fischer PVC Union Ball Valves have stood the test of time in countless applications with excellent corrosion and chemical resistant properties. From simple manual shut-off to fully automated two-way or three-way valves. Available with air or electric actuators if required. From 3/8" to 4" in many series to meet a wide variety of control needs. Union style design with integrated threaded or solvent socket bushings for fast and easy installation.

Common industries that use these valves are: Chemical processing • Water treatment • Microelectronics • Food and beverage • Irrigation • Greenhouses • Car and truck wash and more • Every valve in 546, 543 and 523 Series are leak tested before shipping to guarantee absolute process reliability. **Made in USA.**

PVC Ball Valves with Scale

- With Setting Scale -

These incredibly precise **PVC Industrial Valves** are designed for exact dosing of small amounts of chemicals and solutions. Manual shut-off with circular scale and specially shaped ball with **Viton®** seals are standard (*EPDM seals available*) * Standard with FPT threaded and female solvent socket bushings. (**Note: This Series is rated for use with Sodium Hypochlorite or bleach solutions**). Threaded ports rated to 150 PSI at 80° F. Socket ports rated to 230 PSI at 80° F. (*Pressure ratings decrease with increase in temperature to 140° F. at 30 PSI*). Built-in integrated fastening bushings.



| Part No. | Size | Seal |
|-------------|------|--------|
| GF 523-38V | 3/8" | Viton® |
| GF 523-12V | 1/2" | Viton® |
| GF DN20-34V | 3/4" | Viton® |
| GF DN20-10V | 1" | Viton® |

546 Series 2-Way Valves

Fastening Bushings

Industrial PVC Ball Valves designed for most any challenge. Ideal for applications from simple water to highly exact chemical processes. Manual shut-off valves are shown but this series can be ordered with pneumatic or electric actuators if required. * Standard with FPT threaded and female socket bushings up to 2" (*2-1/2" to 4" socket only*). Viton® or EPDM seals as noted. CPVC or Kynar construction or ANSI flanges also available. Threaded ports are rated to 150 PSI at 80° F. Solvent socket ports are rated to 230 PSI at 80° F. (*Pressure ratings decrease with increase in temperature at 140° F. at 30 PSI*). Rated for full vacuum service. NS61 Rated.

Note: Vented ball option is available for media that requires out-gassing like Sodium Hypochlorite or bleach solutions. Built-in integrated fastening bushings.

| Part No. | Size | Seal |
|-------------|----------|--------|
| GF 546-12E | * 1/2" | EPDM |
| GF 546-12V | * 1/2" | Viton® |
| GF 546-34E | * 3/4" | EPDM |
| GF 546-34V | * 3/4" | Viton® |
| GF 546-1E | * 1" | EPDM |
| GF 546-1V | * 1" | Viton® |
| GF 546-114E | * 1-1/4" | EPDM |
| GF 546-114V | * 1-1/4" | Viton® |
| GF 546-112E | * 1-1/2" | EPDM |
| GF 546-112V | * 1-1/2" | Viton® |
| GF 546-2E | * 2" | EPDM |
| GF 546-2V | * 2" | Viton® |
| GF 546-3E | # 3" | EPDM |
| GF 546-3V | # 3" | EPDM |
| GF 546-4E | # 4" | EPDM |
| GF 546-4V | # 4" | Viton® |

* FPT and Socket End Fittings # Solvent Socket End Fittings Only.

375 Series 2-Way Valves

Cost effective manual **PVC Valves** are for use with non-critical chemical solutions and water applications. * Standard with FPT threaded and female solvent socket bushings up to 2", above that is socket only. **EPDM** seals are standard, but Viton® also available. ANSI flange styles, CPVC construction available. (*Vented balls available for use with Sodium Hypochlorite solutions*). Threaded ports rated to 150 PSI at 80° F. Socket ports rated to 230 PSI at 80° F. up to 2" and 150 PSI for 3" and 4".



| Part No. | Size | Seal |
|-------------|----------|------|
| GF 375-12E | * 1/2" | EPDM |
| GF 375-34E | * 3/4" | EPDM |
| GF 375-1E | * 1" | EPDM |
| GF 375-114E | * 1-1/4" | EPDM |
| GF 375-112E | * 1-1/2" | EPDM |
| GF 375-2E | * 2" | EPDM |
| GF 375-3E | # 3" | EPDM |
| GF 375-4E | # 4" | EPDM |

* FPT and Socket End Fittings

Solvent Socket End Fittings Only.

543 Series 3-Way Valves

Three-Way, PVC Union Ball Valves are the perfect valve for mixing and distribution processes. Horizontal design with **L Porting** shown, but T porting also available. Standard with FPT threaded ports and Viton® seals, but solvent socket weld and EPDM seals available. Rated to 150 PSI. Built-in integrated fastening bushings.

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| Part No. | Size | Seal |
|--------------|------------|--------|
| GF 543L-12V | 1/2" FPT | Viton® |
| GF 543L-34V | 3/4" FPT | Viton® |
| GF 543L-1V | 1" FPT | Viton® |
| GF 543L-114V | 1-1/4" FPT | Viton® |
| GF 543L-112V | 1-1/2" FPT | Viton® |
| GF 543L-2V | 2" FPT | Viton® |

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