

## Speedfit Ball Valves

### Make quick, simple connections



- Food-grade polypropylene housing
- Designed for use with potable water lines

#### Specifications

**Maximum pressure:** 150 psi (10.3 bar)  
**Working temperature:** 33 to 150°F (1 to 65°C)  
**Wetted parts:** food-grade polypropylene, EPDM, and stainless steel

| Valve type | Connection size/type                 | Catalog number              | Price |
|------------|--------------------------------------|-----------------------------|-------|
| Straight   | 1/4" OD Speedfit to 1/4" NPT(M)      | <a href="#">GY-07391-00</a> |       |
|            | 3/8" OD Speedfit to 3/8" NPT(M)      | <a href="#">GY-07391-02</a> |       |
| Straight   | 1/4" OD Speedfit to 1/4" OD Speedfit | <a href="#">GY-07391-04</a> |       |
|            | 3/8" OD Speedfit to 3/8" OD Speedfit | <a href="#">GY-07391-06</a> |       |
| Elbow      | 1/4" OD Speedfit to 1/4" NPT(F)      | <a href="#">GY-07391-08</a> |       |
|            | 3/8" OD Speedfit to 1/4" NPT(F)      | <a href="#">GY-07391-10</a> |       |

## Cole-Parmer PTFE Ball Valves

### No worries about chemical resistance

- Ideal for semiconductor or pharmaceutical manufacturing and chemical processing
- Bidirectional 1/4-turn from Off to On
- PTFE and polypropylene body construction



#### Specifications

**Maximum temperature:** 158°F (70°C) **Wetted parts:** PTFE

| NPT(F) | Cv   | Maximum pressure | Catalog number              | Price |
|--------|------|------------------|-----------------------------|-------|
| 1/2"   | 6.0  | 80 psi (5.5 bar) | <a href="#">GY-98514-01</a> |       |
| 3/4"   | 15.1 | 60 psi (4.1 bar) | <a href="#">GY-98514-05</a> |       |
| 1"     | 29.5 |                  | <a href="#">GY-98514-09</a> |       |

## Thermoplastic True Union Ball Valves

### Easy installation in existing lines

- Socket and NPT(F) connections included
- Dual-stem O-rings
- External seat adjustment



| Connections   | Cv  | Maximum temperature | Max working pressure at 73°F | Catalog number              | Price |
|---|-----|---------------------|------------------------------|-----------------------------|-------|
| <b>PVC valves with EPDM seat and seals</b>  |     |                     |                              |                             |       |
| 1/2"  | 22  | 140°F (60°C)        | 235 psi (16.2 bar)           | <a href="#">GY-98710-12</a> |       |
| 3/4"  | 55  |                     |                              | <a href="#">GY-98710-14</a> |       |
| 1"  | 112 |                     |                              | <a href="#">GY-98710-16</a> |       |
| <b>CPVC valves with Viton® seals, PTFE seats</b>                                  |     |                     |                              |                             |       |
| 1/2"  | 22  | 200°F (93°C)        | 235 psi (16.2 bar)           | <a href="#">GY-98710-36</a> |       |
| 3/4"  | 55  |                     |                              | <a href="#">GY-98710-38</a> |       |
| 1"  | 112 |                     |                              | <a href="#">GY-98710-40</a> |       |
| <b>PP valves with Viton® seals, PTFE seats</b>                                    |     |                     |                              |                             |       |
| 1/2"  | 22  | 180°F (82°C)        | 150 psi (10.3 bar)           | <a href="#">GY-98710-58</a> |       |
| 3/4"  | 55  |                     |                              | <a href="#">GY-98710-60</a> |       |
| 1"  | 112 |                     |                              | <a href="#">GY-98710-62</a> |       |
| <b>PVDF valves with Viton® seals, PTFE seats (include socket connectors only)</b> |     |                     |                              |                             |       |
| 3/4"  | 55  | 280°F (138°C)       | 150 psi (10.3 bar)           | <a href="#">GY-98710-72</a> |       |
| 1"  | 112 |                     |                              | <a href="#">GY-98710-74</a> |       |

## True Union Ball Check Valves

### Install vertically or horizontally

- Seal at very low back pressures
- One-piece PVC body construction

Assembled with water soluble, silicone-free lubricant. Optional screen helps prevent unwanted material from entering system.



#### Specifications

**Wetted parts:** PVC body and EPDM seals

| Connections  | Cv  | Maximum temperature | Working pressure                   | Catalog number              | Price |
|--|-----|---------------------|------------------------------------|-----------------------------|-------|
| <b>Valves with socket and NPT(F) threaded connectors</b>     |     |                     |                                    |                             |       |
| 3/8"   | 4.8 | 140°F (60°C)        | 150 psi at 70°F (10.3 bar at 21°C) | <a href="#">GY-01368-10</a> |       |
| 1/2"   | 4.6 |                     |                                    | <a href="#">GY-01341-00</a> |       |
| 3/4"   | 10  |                     |                                    | <a href="#">GY-01341-02</a> |       |
| 1"   | 28  | 140°F (60°C)        | 150 psi at 70°F (10.3 bar at 21°C) | <a href="#">GY-01341-04</a> |       |
| 1 1/2"   | 55  |                     |                                    | <a href="#">GY-01341-08</a> |       |
| 2"   | 90  |                     |                                    | <a href="#">GY-01341-10</a> |       |
| <b>Foot valve screens (use with ball check valves above)</b> |     |                     |                                    |                             |       |
| 1/2"   | 4.6 | 140°F (60°C)        | 150 psi at 70°F (10.3 bar at 21°C) | <a href="#">GY-01341-50</a> |       |
| 3/4"   | 10  |                     |                                    | <a href="#">GY-01341-52</a> |       |
| 1 1/2"   | 55  |                     |                                    | <a href="#">GY-01341-58</a> |       |

## Chemically Inert Two-Way Ball Valves

### Control corrosive chemical flow with ease

- All PFA wetted materials
- 1/4-turn to start or stop the flow
- Maximum pressure is 150 psi; (10.3 bar)
- Fluid temperature range is 70 to 400°F (21 to 204°C); operating temperature range is 0 to 150°F (–18 to 66°C).



| NPT(F) | Orifice size | Catalog number              | Price |
|--------|--------------|-----------------------------|-------|
| 1/4"   | 1/4"         | <a href="#">GY-98402-09</a> |       |
| 1/2"   | 3/8"         | <a href="#">GY-98402-10</a> |       |

## Diaphragm Valves

### Precise control of line flow

- Position indicator shows valve status
- Self draining allows for minimal dead volume in valve
- PVC body and EPDM diaphragm for corrosive environments
- True union connections



| Connections | Cv  | Max temperature | Max working pressure              | Catalog number              | Price |
|-------------|-----|-----------------|-----------------------------------|-----------------------------|-------|
| 1/2"        | 3.5 | 140°F (60°C)    | 225 psi (15.5 bar) at 70°F (28°C) | <a href="#">GY-07390-47</a> |       |
| 3/4"        | 7.5 |                 |                                   | <a href="#">GY-07390-49</a> |       |
| 1"          | 13  |                 |                                   | <a href="#">GY-07390-51</a> |       |
| 1 1/2"      | 33  |                 |                                   | <a href="#">GY-07390-53</a> |       |
| 2"          | 47  |                 |                                   | <a href="#">GY-07390-55</a> |       |