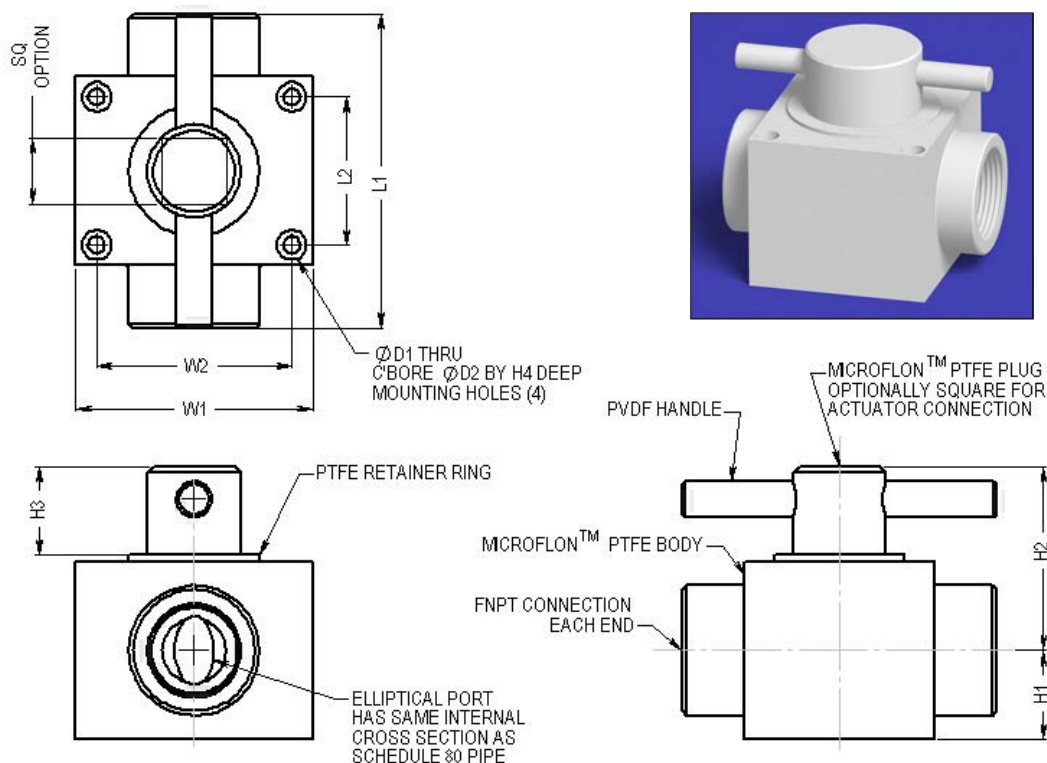


FLUOR-O-FLO®
Virgin PTFE Full Port 2-Way NPT Plug Valve


| Nominal Size | Part No. | L1 (inches) | L2 (inches) | W1 (inches) | W2 (inches) | Ø D1 (inches) | Ø D2 (inches) | H1 (inches) | H2 (inches) | H3 (inches) | H4 (inches) | SQ Option |
|--------------|----------|-------------|-------------|-------------|-------------|---------------|---------------|-------------|-------------|-------------|-------------|-----------|
| 1/8" | FV-PV01 | 2.18 | 0.72 | 1.50 | 1.10 | 0.12 | 0.28 | 0.63 | 1.32 | 0.63 | 0.18 | 0.36 |
| 1/4" | FV-PV02 | 2.18 | 0.72 | 1.50 | 1.10 | 0.12 | 0.28 | 0.63 | 1.32 | 0.63 | 0.19 | 0.36 |
| 3/8" | FV-PV03 | 3.32 | 1.56 | 2.50 | 2.06 | 0.17 | 0.31 | 0.94 | 1.94 | 0.93 | 0.25 | 0.67 |
| 1/2" | FV-PV04 | 3.32 | 1.56 | 2.50 | 2.08 | 0.17 | 0.31 | 0.94 | 1.94 | 0.93 | 0.25 | 0.69 |
| 3/4" | FV-PV06 | 3.36 | 1.56 | 2.50 | 2.06 | 0.20 | 0.31 | 1.13 | 2.40 | 1.20 | 0.25 | 0.85 |
| 1" | FV-PV08 | 4.35 | 2.13 | 3.50 | 3.00 | 1.27 | 0.38 | 1.38 | 2.92 | 1.48 | 0.25 | 1.06 |

- Valves are available in 1/8" through 1"
- Standard connections are Female NPT; custom connections including Flanged, Tri-Clamp, True-Union, Hose-Barb, Flare or Compression Tube Fittings, Male NPT, and PFA butt-weld available on special order
- Valves are full-port with the through orifice equal to the area of schedule 80 pipe
- Quarter Turn Actuation
- Pressure ratings are equal to Micromold's FLUOR-O-FLO®

PTFE piping system. Pressure rating chart available on request.

- Service temperatures – ambient to 300°F
- Wetted parts are made from Micromold's MICROFLON™ virgin PTFE providing superior resistance to creep
- Suitable for vacuum service
- Valves are individually tested in accordance with MSS-SP-82 -1992-BW
- See reverse side for torque ratings.

Call today for our FLUOR-O-FLO® PTFE Valve Sales Bulletin

| Quarter Turn Valves Comparative Break Torques (inch-pounds) | | | |
|---|---------------------------|---|-----------------------------------|
| | <u>MICROMOLD</u> | <u>XOMOX</u> | <u>ITT</u> |
| Nominal Size (inches) | Solid PTFE Plug Valves | PTFE Sleeved Lined Steel Plug Valves | Tefzel Lined Steel Ball Valves |
| 1/4" | 6 | NA | NA |
| 1/2" | 45 | 140 | NA |
| 3/4" | 50 | 140 | 120 |
| 1" | 75 | 400 | 120 |
| 1-1/2" | 85 | 800 | 130 |
| 2" | 120 | 1100 | 280 |

