



CleanFLOW ball valves are engineered to be a true process piping component to specifically meet the demanding processes found in the pharmaceutical industries. The "Tube-ID" port opening is dimensionally identical to the adjacent tubing to comply with ASME-BPE guidelines.

**Features**

**1/2 - 2"**

- ▲ ASME-BPE compliant
- ▲ Forged 316L SS A-182 construction
- ▲ Drainable design with "Tube-ID" dimensions
- ▲ Exclusive "Fine Adjust" Handle for precise positioning
- ▲ Encapsulated body seals to facilitate inline weldability without disassembly
- ▲ Integral ISO mounting pad to ISO-5211
- ▲ Alignment feature ensures "Tube ID" flow path
- ▲ Controlled delta ferrite to <1%



**Materials**

| Item | Description         | Material             |
|------|---------------------|----------------------|
| 1    | Body                | 316L Forged A-182    |
| 2    | Body Connector      | 316L Forged A-182    |
| 3    | Ball                | 316L Stainless Steel |
| 4    | Stem                | 316L Stainless Steel |
| 5    | Seat                | TFM                  |
| 6    | Body Connector Seal | TFM                  |

**Dimensions & Weights (ins., lbs)**

| Size   | A    | A1   | B    | C    | D    | E    | Wt.   |
|--------|------|------|------|------|------|------|-------|
| 1/2"   | 3.50 | 5.50 | 4.49 | 4.50 | 0.37 | 1.78 | 1.50  |
| 3/4"   | 4.00 | 6.00 | 4.49 | 4.50 | 0.62 | 1.87 | 1.75  |
| 1"     | 4.50 | 6.50 | 5.75 | 5.75 | 0.87 | 2.40 | 3.20  |
| 1-1/2" | 5.50 | 7.50 | 5.75 | 7.00 | 1.37 | 3.16 | 8.00  |
| 2"     | 6.25 | 8.00 | 7.00 | 7.00 | 1.87 | 3.35 | 13.00 |
|        |      |      |      |      |      |      |       |
|        |      |      |      |      |      |      |       |

