

# PlumBite® Push On Ball Valve

## Specifications

- A heat-free method of joining Copper, CPVC, PE-RT or PEX tubing. Fittings can be removed and re-used, using the disassembly tool (sold separately).

## Applications

- Commercial and residential potable and non-potable water applications

**NOTE:** Not for use with PEX-AL-PEX or PEX tubing with an oxygen barrier. NOT FOR USE AT OR BELOW GROUND LEVEL.

## Materials

- Gasket- EPDM, Peroxide Cured
- Valve Body- Brass
- Handle- Steel

## Dimensions and Product Offering

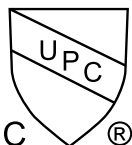
| Part Code       | Bulk Part Code | Size  | A -(in.) | B -(in.) | C -Nominal (in.) | D -(in.) | D-Tolerance +/- (in.) |
|-----------------|----------------|-------|----------|----------|------------------|----------|-----------------------|
| <b>C77460LF</b> | C76561LF       | 1/2   | 3.62     | 1.69     | 1/2              | 2.93     | 0.08                  |
| <b>C77461LF</b> | C76562LF       | 3/4   | 3.62     | 1.91     | 3/4              | 3.42     | 0.17                  |
| <b>C77462LF</b> | -              | 1     | 4.17     | 2.40     | 1                | 3.97     | 0.18                  |
| <b>C77463LF</b> | -              | 1-1/4 | 4.29     | 2.91     | 1-1/4            | 5.15     | 0.12                  |
| <b>C77464LF</b> | -              | 1-1/2 | 5.61     | 3.13     | 1-1/2            | 5.87     | 0.12                  |
| <b>C77465LF</b> | -              | 2     | 5.61     | 3.43     | 2                | 6.38     | 0.12                  |

## Performance Specifications

- Maximum Temperature: 180°F
- Maximum Pressure: 200 PSI
- Service: Potable Water
- Exposure to water with elevated levels of inorganic materials (including but not limited to: Cl, Na, Mg, Ca, K), especially in high temperatures and high water velocity areas, could quicken the corrosion process.

## Certifications/Listings/Approvals

- NSF/ANSI/CAN 61
- NSF/ANSI/CAN 372
- NSF/ANSI 14
- ASME A112.4.14/CSA B125.14:22
- IAPMO/ANSI Z1157-2014e1
- MASS Approved
- Vermont Act 193 Compliant



Job Name \_\_\_\_\_

Location \_\_\_\_\_

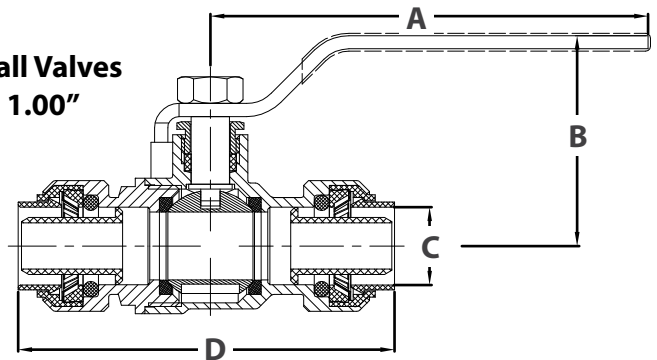
Engineer \_\_\_\_\_

Contractor \_\_\_\_\_

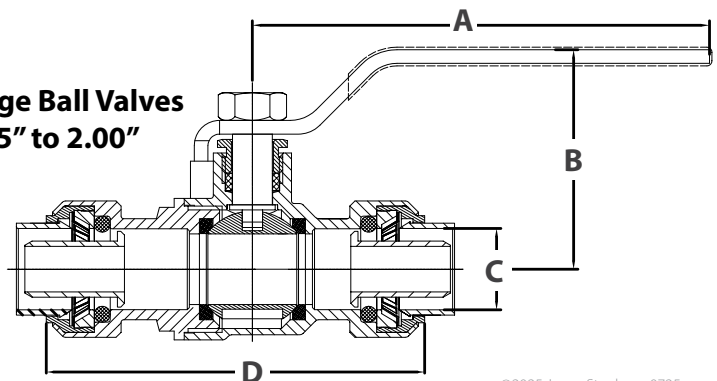
Tag \_\_\_\_\_ PO# \_\_\_\_\_



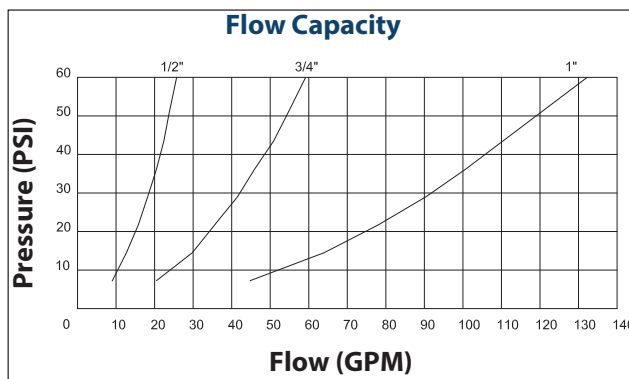
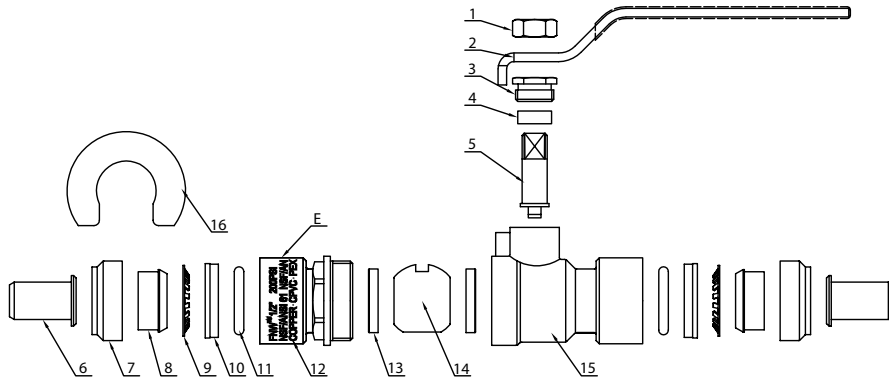
**Small Ball Valves**  
0.50" to 1.00"



**Large Ball Valves**  
1.25" to 2.00"

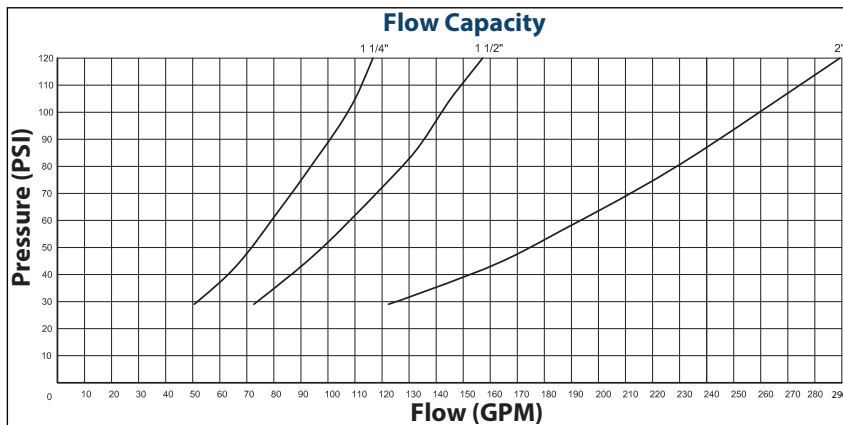
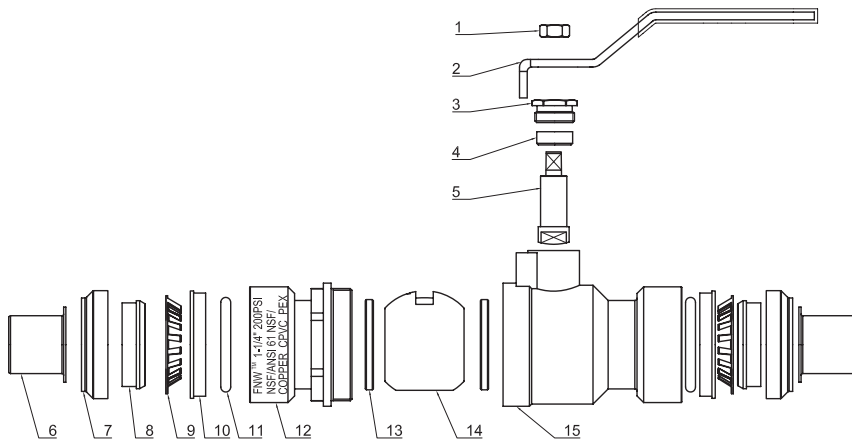


## Small Ball Valves 0.50" to 1.00" Exploded View



| REF NO. | DESCRIPTION   | MATERIAL                                                 | QTY |
|---------|---------------|----------------------------------------------------------|-----|
| 1       | HANDLE NUT    | STAINLESS STEEL (S201)                                   | 1   |
| 2       | HANDLE        | CHROME PLATED STEEL (Q235)                               | 1   |
| 3       | PACKING GLAND | BRASS                                                    | 1   |
| 4       | STEM PACKING  | PTFE                                                     | 1   |
| 5       | STEM          | LEAD FREE BRASS (C46500)                                 | 1   |
| 6       | TUBE SUPPORT  | PSU or POM                                               | 2   |
| 7       | PROTECTOR     | POM                                                      | 2   |
| 8       | RELEASER      | POM                                                      | 2   |
| 9       | GRIPPER RING  | STAINLESS STEEL (300 series)                             | 2   |
| 10      | LOCK RING     | POM or PA66                                              | 2   |
| 11      | O-RING        | EPDM                                                     | 2   |
| 12      | END CAP       | LEAD FREE BRASS (C46500)                                 | 1   |
| 13      | SEAT SEAL     | PTFE                                                     | 2   |
| 14      | BALL          | LEAD FREE CHROME PLATED BRASS (C46500) SIZES 1/2" & 3/4" | 1   |
| 15      | BODY          | LEAD FREE BRASS (C46500)                                 | 1   |
| 16      | REMOVAL TOOL  | POM                                                      | 1   |

## Large Ball Valves 1.25" to 2.00" Exploded View



| REF NO. | DESCRIPTION   | MATERIAL                                                                                                             | QTY |
|---------|---------------|----------------------------------------------------------------------------------------------------------------------|-----|
| 1       | HANDLE NUT    | STAINLESS STEEL (S201)                                                                                               | 1   |
| 2       | HANDLE        | CHROME PLATED STEEL (Q235)                                                                                           | 1   |
| 3       | PACKING GLAND | BRASS (HPB58-3)                                                                                                      | 1   |
| 4       | STEM PACKING  | PTFE                                                                                                                 | 1   |
| 5       | STEM          | LEAD FREE BRASS (C46500)                                                                                             | 1   |
| 6       | TUBE SUPPORT  | BRASS (H62)                                                                                                          | 2   |
| 7       | PROTECTOR     | BRASS (HPB58-3)                                                                                                      | 2   |
| 8       | RELEASER      | BRASS (HPB58-3)                                                                                                      | 2   |
| 9       | GRIPPER RING  | STAINLESS STEEL (S304)                                                                                               | 2   |
| 10      | LOCK RING     | BRASS (HPB58-3)                                                                                                      | 2   |
| 11      | O-RING        | EPDM                                                                                                                 | 2   |
| 12      | END CAP       | LEAD FREE BRASS (C46500)                                                                                             | 1   |
| 13      | SEAT SEAL     | PTFE                                                                                                                 | 2   |
| 14      | BALL          | LEAD FREE CHROME PLATED BRASS (C46500) SIZES 1-1/4" & 1-1/2" ONLY<br>STAINLESS STEEL HOLLOW BALL (S304) SIZE 2" ONLY | 1   |
| 15      | BODY          | LEAD FREE BRASS (C46500)                                                                                             | 1   |