

# 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	4.96	2.75	1-1/4	5.12	0.21
<b>C77464LF</b>	-	1-1/2	6.13	3.14	1-1/2	6.00	0.17
<b>C77465LF</b>	-	2	6.23	3.46	2	6.53	0.27

## 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
- MASS Approved
- Vermont Act 193 Compliant



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

Location \_\_\_\_\_

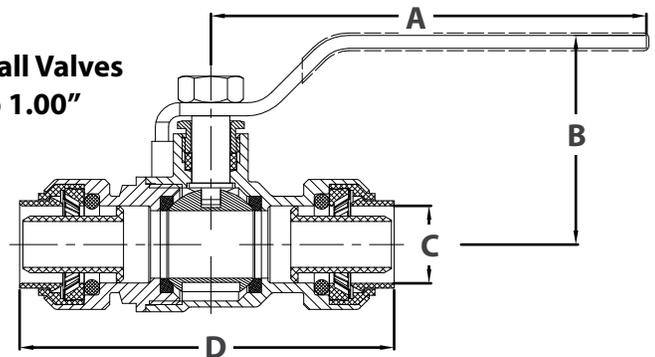
Engineer \_\_\_\_\_

Contractor \_\_\_\_\_

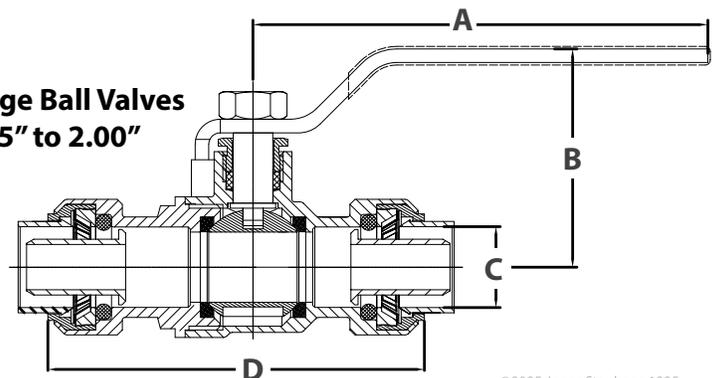
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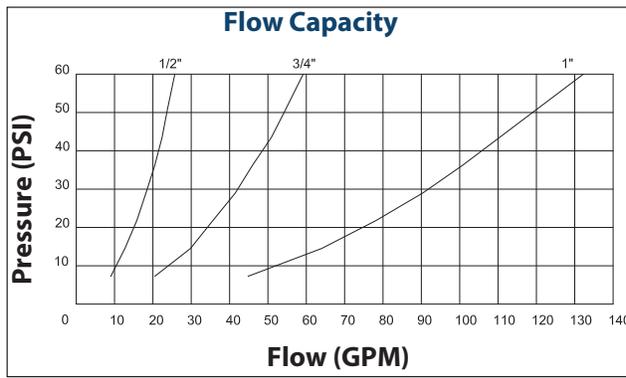
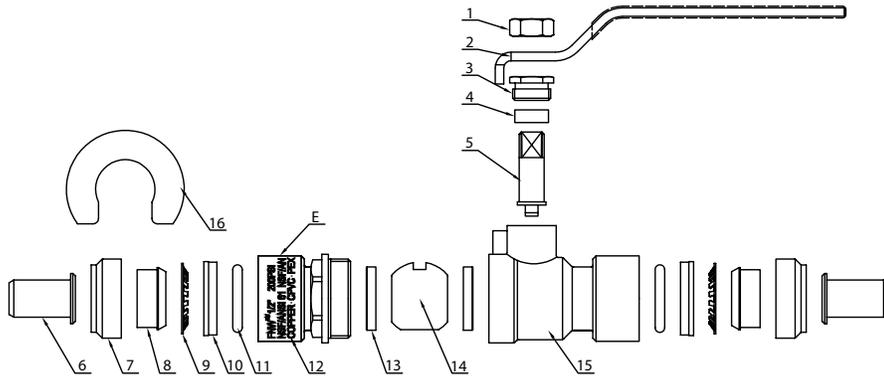
**Small Ball Valves**  
0.50" to 1.00"



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

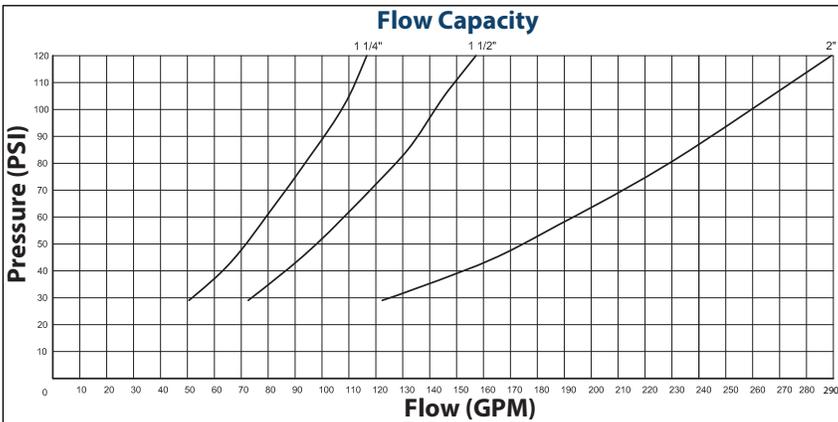
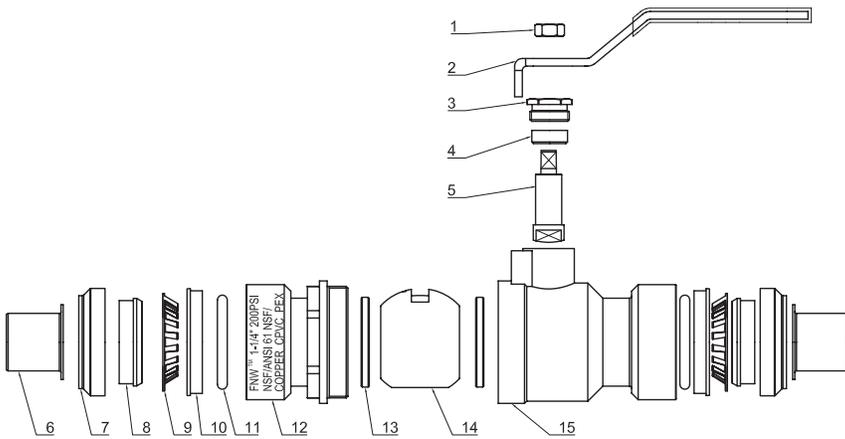


### Small Ball Valves 0.50" to 1.00" Exploded View



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 STAINLESS STEEL HOLLOW BALL (S304) SIZE 2" ONLY	1
15	BODY	LEAD FREE BRASS (C46500)	1