

SharkBite

Straight Washing Machine Valve

Used to control the flow of water to household plumbing fixtures and appliances. Ideal for maintenance and repair without having to shut-off water to the entire home.

Features and Benefits

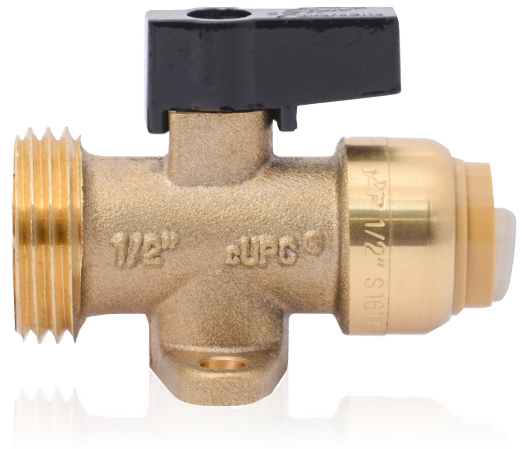
- Quarter-turn full-port brass ball valve.
- Compatible with PEX, copper, CPVC and PE-RT HDPE pipe.
- No special tools, crimping, glue or soldering is needed.
- Can be installed in wet lines.
- Ideal for working in tight spaces.
- Remove using a Disconnect Clip or Disconnect Tongs (both sold separately).

Applications

- Potable water
- Recirculation
- Radiant Heating (w/ Glycol concentration up to 100%)

Specification

The tube shall be inserted into the SharkBite PTC Fitting in the first stage through a release collar and then through a stainless-steel grab ring. The grab ring has teeth that open out and grip onto the tube. At the second stage the tube shall be pushed through an O-ring protector which aligns the pipe. A specially formulated EPDM O-ring shall be compressed between the wall of the fitting and the tube before the end of the tube reaches the tube stop. Only when the pipe has passed through the O-ring and reached the pipe stop shall a secure joint be created. The fitting shall be a SharkBite PTC Fitting. The fitting shall be a SharkBite PTC Fitting.



25559LF

Specification Data



Performance

Minimum working temperature	33°F
Maximum working temperature	160°F
Maximum working pressure	125 psi

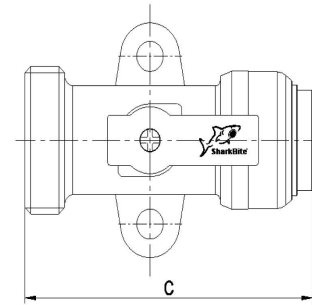
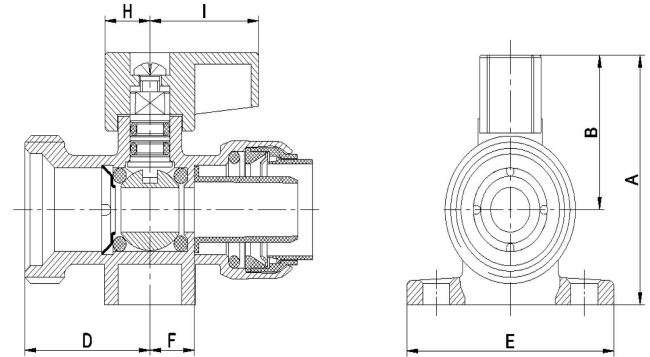
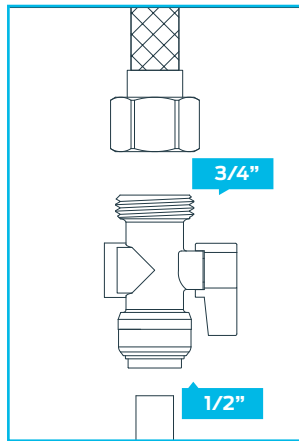
Materials

1	Screw	Steel
2	Spindle	DZR LF Brass ¹
3	Handle	Zinc
4	O-ring	EPDM
5	Body	DZR LF Brass ¹
6	O-ring	EPDM
7	Ball	DZR LF Brass ¹
8	Clip	SS304

¹ Lead Free for all models, surfaces that are in contact with consumable water contain less than 0.25% lead by weight.

Installation Requirements

1. Turn off water supply, and drain the line.
2. Cut pipe square or remove existing valve and disconnect supply line.
3. Remove burrs from inside and outside of pipe.
4. Mark 0.95-in insertion depth on pipe using depth gauge tool.
5. Push valve onto pipe to insertion depth mark.
6. Connect supply line to stop valve and appliance.
7. Turn on water and check connections



25559LF

Dimensions

Description	Part #	A	B	C	D	E	F	G	H
1/2 In. PTC X 3/4 In. GHT	2559LF	1.76	1.09	2.29	1	1.65	0.37	0.35	0.86

All measurements are displayed in inches

Pipe Type

Tubing: Hard drawn copper pipe Type K, L and M and annealed Type M not to exceed 3/8 nominal complying with ASTM B 88, PEX tubing complying with ASTM F 876 or CSA B137.5, or CVPC tubing complying with ASTM D 2846 or CSA B137.6, PE-RT complying with ASTM F2769 or CSA B137.18

Soldering

When soldering is required near a SharkBite Universal connection, make all solder joints first and then make the SharkBite connections. Flame can cause the pipe to reach high temperatures and should not

SharkBite Fitting Reuse

SharkBite Universal fittings are intended to be a permanent connection and are not designed for repeated connection and disconnection after the initial install.

Minimum Distance Between Fittings

1/2 in. spacing between ends of completed Connections

Codes and Standards

ASME A112.18.1

CSA B125.1-12

NSF/ANSI/CAN 61

NSF/ANSI 372

