



# SharkBite® IPS Transition Ball Valve

## DESCRIPTION

The SharkBite® copper tube size x iron pipe size ball valves are high quality forged brass ball valves with SharkBite connections. The SharkBite connections allow the user to connect the ball valves to copper tubing, CPVC, PEX and PE-RT and transition to schedule 40, 80, and 120 PVC (also fits schedule 40 and 80 CPVC).

## FEATURES AND BENEFITS

- Convenient single lever control:  
*Makes them easy to use and encourages shut-off of water supply.*
- Full Port Ball Valve:  
*Allows water to flow freely through valve.*
- Instant push-to-connect connections for increased ease of use:  
*No soldering, clamps, unions, or glue required.*
- Valve assembled to strict quality standards:  
*Measured thread engagement, measured torque.*



## SPECIFICATIONS

The tube shall be inserted into the SharkBite PVC ball valve 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 tube. 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 tube has passed through the O-ring and reached the tube stop shall a secure joint be created. The fitting shall be a SharkBite PVC ball valve.

## SPECIFICATION DATA

### Performance:

Maximum pressure ..... 200 psi\*  
Maximum temperature ..... 200°F\*  
Service ..... Water and Glycol

### Ball Valve Materials:

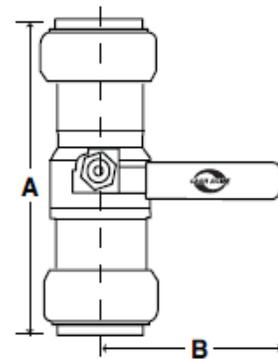
Body ..... DZR Lead Free Brass  
Seat Ring ..... PTFE  
Ball ..... Brass, chrome plated  
Body End Retainer ..... Brass  
Stem ..... Brass  
O-ring ..... EPDM  
Packing ..... PTFE  
Packing Nut ..... Brass  
Handle ..... Zinc plated steel  
Handle Nut ..... Zinc plated steel

### SharkBite Materials:

Body ..... DZR Lead Free Brass  
O-ring ..... EPDM  
Grab Ring ..... Stainless steel  
Tube support liner ..... Veradel

\* Consult PVC pipe manufacturer for pressure and temperature limitations for your system

Dimensions	A	B
3/4" CTS x 3/4" IPS	3.63	4.69
3/4" CTS x 1" IPS	3.74	4.77





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## AVAILABLE CONNECTIONS

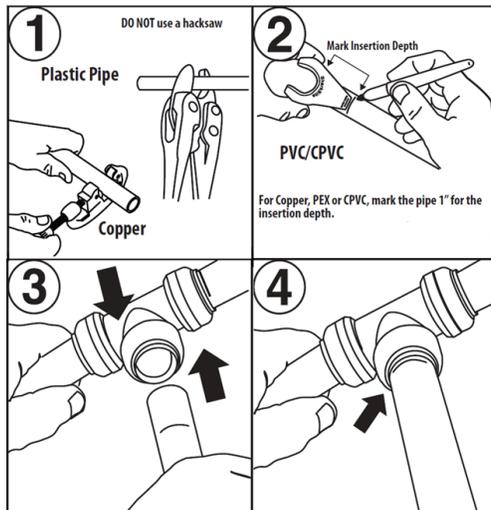
SharkBite . . . . . 3/4" CTS x 3/4" IPS and 3/4" CTS x 1" IPS

## CERTIFICATIONS

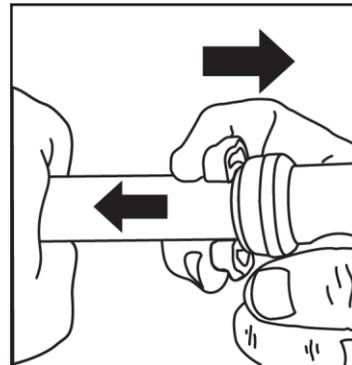
The SharkBite Ball Valve 1/2", 3/4" and 1" are certified to NSF/ANSI 61, NSF 372 and listed by IAPMO.

## TYPICAL INSTALLATION

Connecting a joint:



Disconnecting a joint:



1. Place the SharkBite disconnect clip around the tube with the non-branded side against the release collar.
2. Push the clip against the release collar and pull the tube with a twisting action to release the tube.

