

Product Information Report

SharkBite® Push-Fittings



Overview

SharkBite® Push-Fittings allow the user to connect pipe in seconds with relative ease.

Features/Benefits

- Instant push-fit connection for increased ease-of-use – no soldering, clamps, unions or glue required
- Fittings certified to 200 PSI and 200°F (93°C) – proven durability and quality
- Fits copper tubing, CTS, CPVC and PEX – connects all three types in any combination
- Integral tube liner for PEX installations – integrated design means no loose components, ensuring a secure, reliable connection
- Design-certified and agency listed – inspector-friendly peace of mind
- Compact, robust lead-free brass body – foundation of a strong, corrosion-resistant, durable fitting
- Design-certified to ANSI/NSF-61 and ASSE 1061 product standards for use in potable water and hydronic heating water distribution – quality engineered and manufactured
- Approved for use underground and behind walls without access panels
- Designed for hydronic heating and potable water distribution

Specifications

Insert the tube into the SharkBite® Push-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 the tube. At the second stage, push the tube through an O-ring protector which aligns the tube. A specially-formulated EPDM O-ring is compressed between the wall of the fitting and the tube before the end of the tube reaches the tube stop. When the tube has passed through the O-ring and reached the tube stop a secure joint is created.

Performance

- Maximum working pressure: 200 PSI
- Maximum temperature: 200°F (93°C)
- Service: Potable water

Materials

- Body: Lead-free brass
- O-ring: EPDM
- Grab ring: Stainless steel
- Tube support liner: Polysulfone

Certifications

SharkBite® Push-Fittings have been design-certified and listed to ASSE 1061/NSF 61. They are listed by IAPMO and are certified for potable and hydronic heating water distribution. (NOTE: Glycol mixture for hydronics is not to exceed 50% concentration.) SharkBite® Push-Fittings are certified for underground applications, as a manufactured joint without access panels. They meet UPC, IPC and cUPC requirements.





Check Valve



The Cash Acme SharkBite® Check Valve is a general-purpose spring check valve that prevents the reverse flow of water. It can be installed horizontally or vertically and can be connected in seconds to copper tubing, CTS, CPVC and PEX. The information below is specific to the SharkBite® Check Valves

Features/Benefits

- Instant push-fit connections for increased ease-of-use – no soldering, clamps, unions or glue required
- Designed for vertical and horizontal installation – flexible installation options in new or existing plumbing systems

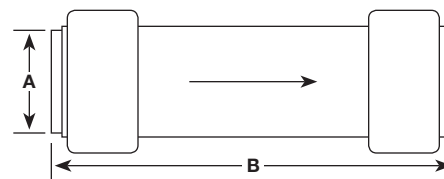
Specifications

Performance:

- Maximum pressure: 200 PSI
- Maximum water temperature: 150°F (65°C)
- Service: Water

Materials:

- Body: Lead-free brass
- O-ring: EPDM
- Cartridge and demount ring: Acetal
- Protection ring: Nylon
- Grab ring: Stainless steel
- Tube support liner: Polysulfone



Dimensions (Inches)	A Inches (mm)	B Inches (mm)
1/2	1/2 (12.7)	2.66 (67.6)
3/4	3/4 (19.05)	3.26 (82.8)

Connections

SharkBite® 1/2" through 1"