

Shark Bite Water Heater Connector

Flexible water heater connectors allow you to work in tight spaces and easily connect water heaters with existing pipes that don't line up.

Features and Benefits

- Fastest way to connect water heater to hot or cold water lines
- Flexibility makes installation easier when pipes do not line up
- Compatible with PEX-A
- Can be used as an alternative to hard piping.

Applications

- Potable water and radiant heating

Specifications

SharkBite expansion fittings shall be installed on SharkBite PEX-A complying with ASTM F876 or CSA B137.5. The fittings shall be made of Engineered Polymer or DZR lead-free Brass and be compliant with ASTM F1960. The fittings shall be used in a potable water or radiant heating/cooling system not to exceed 80 psi @ 200°F, 100 psi @ 180°F, or 160 psi @ 73.4°F.



UAB3088FXSS18LF

Specification Data

Technical Data

Minimum working temperature 33°F to 73°F at 160 psi
180°F at 100 psi

Maximum working temperature 200°F at 80 psi

Material

1 Hose	SST
2 Fitting	DZR Lead Free Brass ¹
3 Washer	EPDM

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

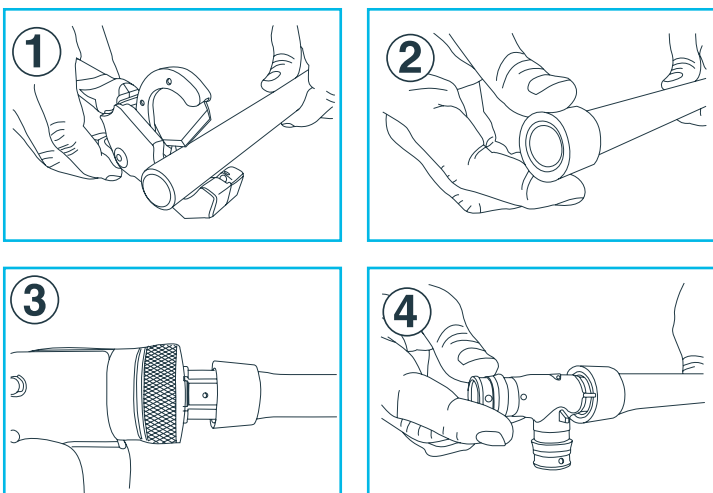
Dimensions

Description	Part #	A	B	C	D
PEX-A FLEX CNCTR 3/4"X3/4"X3/4" FIPX18" SS LF	UAB3088FXSS18LF	20.12	1.02	F1960 3/4 PEX	1.17

All measurements are displayed in inches

Installation Requirements

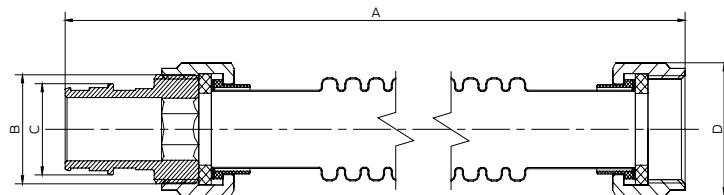
How to install SharkBite Expansion Fittings products.



- 1 Use pipe cutters to make a square cut of the pipe to length. A rough or uneven cut can result in a weakened joint.
- 2 Slide your expansion ring over the PEX tubing until it overhangs the end of the tubing by no more than 1/8" or until the stop on the ring (if present) touches the tubing.
- 3 Using an approved manual or cordless expansion tool, insert the tool into the PEX pipe and expand the pipe.
*Note that each pipe size requires the specific expander head, so ensure it is the correct size prior to beginning. The number of expansions will be dictated by the tubing size.
 - 6 expansions for 1/2 in.
 - 8 expansions for 3/4 in.
 - 5 expansions for 1 in.

It is important to make sure the expander head rotates after each expansion to prevent ridges on the inside of the tubing.

- 4 Once the tubing is expanded, insert the fitting until it hits the shoulder and allow the PEX to contract around the fitting until secure. After several seconds the tubing will secure around the fitting, and your connection is made and ready for use.



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Insertion Depth

Fitting Size	Nominal Pipe Size	Insertion Depth(in)
1/2 in.	1/2 in.	0.72
3/4 in.	3/4 in.	0.97
1 in.	1 in.	1.19

Pipe Type

Compatible with PEX-A pipe

Minimum Distance Between Fittings

1/2 in. fittings and pipe 2-1/2 in. space
3/4 in. fittings and pipe 3-1/2 in. space
1 in. fittings and pipe 4-1/2 in. space

Codes and Standards

ASME A112.18.6/CSA B125.6

NSF/ANSI 14

NSF/ANSI/CAN 61

NSF/ANSI/CAN 372

