

# SharkBite® EvoPEX® Modular Plumbing System

## Easy to Install



### STEP 1

When cutting SharkBite PEX Pipe, ensure that the ends are cut square and the surface is smooth. Ensure that both the EvoPEX pipe and fitting are clean and free of dirt and debris in preparation for making a connection.



### STEP 2

Push the pipe into the fitting firmly (a twisting action reduces insertion force). Take care to avoid inserting the pipe at an angle.



### STEP 3

Ensure that the pipe is pushed into the fitting fully and engaged properly by checking that the green indicator ring is fully visible in all four slots. This ensures a permanent connection.

## Quality in Every Component

### STANDARD BODY

#### BODY

Acudel® modified PPSU provides toughness and chemical resistance along with excellent anti-decay stability and dimensional stability



### BODY COMPONENTS



#### O-RING

EPDM provides great resistance to outstanding heat, steam, ozone, UV, alkali, and mild acidic and oxygenated solvents as well as high resistance to chloramine at high temperatures. The EvoPEX O-ring seals on the inside of the pipe for a water tight connection.



#### GRAB RING

Stainless Steel 316 with highest corrosion resistance and strength. The grab ring has teeth that "bite" on the pipe exterior and won't let go.



#### INDICATOR RING

Copolymer Duracon with superior chemical and thermal stability. Provides visual assurance of proper insertion depth and connection.



#### SPACER

Strong polymer with good dimensional stability and chemical resistance for additional support while guiding the pipe into the fitting.



#### COLLET

20% glass fiber reinforced Grilamid provides high impact strength, chemical resistance, very low moisture absorption, and high dimensional stability.



#### COLLET RETAINER

Stainless Steel 304 provides excellent corrosion resistance and holds the collet together on the body for a professional appearance.

## EvoPEX Comparison to Copper and Chlorinated Polyvinyl Chloride Tubing

	PEX	Copper	CPVC
No glues, solder, solvents necessary	✓	✗	✗
No health and safety concerns	✓	✗	✗
Freeze Resistance	✓	✗	✗
Flexibility for tight bend radius - less fittings	✓	✗	✗
Efficient time-saving installation	✓	✗	✗
Air testing is an acceptable alternative for pressure testing	✓	✓	✗
Highest Chlorine resistance	✓	✗	✓
No theft concerns	✓	✗	✓
Quiet, eliminates water hammer & noise from fluid transmission	✓	✗	✓
Immune to corrosion, pitting, and mineral build up	✓	✗	✓
Rain and humid condition will NOT affect fitting seal	✓	✓	✗
Cost effective, stable material costs	✓	✗	✓
Retains more heat in hot water lines/resists condensation on cold water lines	✓	✗	✓

## FEATURES AND BENEFITS OF THE EVOPEX SYSTEM



### PEACE OF MIND

The EvoPEX fitting has a green visual indicator for assurance of proper fitting connection.



### FREEZE RESISTANT

SharkBite PEX systems are less susceptible to burst in freezing conditions due to the pipe's ability to expand. The outside temperature does not affect installation of SharkBite EvoPEX pipe and fittings and can be tested immediately once all connections are made.



### HEALTH

No torches, glues, or solvents required for installation, which keeps potentially dangerous chemicals out of your home and potable water supply.



### PROVEN & GUARANTEED

More than 1.5 million SharkBite connections are made every week. Now the leading push-to-connect fitting has been engineered for PEX pipe installs in new construction and re-pipe applications.



### CONFIDENCE

No tools and glue significantly reduces the chance of installation error and leaks which reduces risk of water damage and mold. Minimal learning curve and liability with new laborers.



### EFFICIENT WATER DELIVERY

The SharkBite EvoPEX system is immune to corrosion and mineral build-up for greater water pressure and improved delivery of hot water.



### RELIABILITY

25 year system warranty with consequential damage coverage\* to provide years of customer satisfaction.



### QUALITY

Highest grade of materials from the most trusted manufacturer of push-to-connect fittings.



### EASE OF INSTALLATION

No tools allows for ease of installation in tight spaces. Fitting rotation offers the ability to perfectly align the direction of the pipe and provides a professional installation appearance. No minimum spacing requirements between fittings.



# Sample Whole House Installation

