



THE SHARKBITE[®] EVOPEX[®] SYSTEM

An Evolutionary PEX Push System

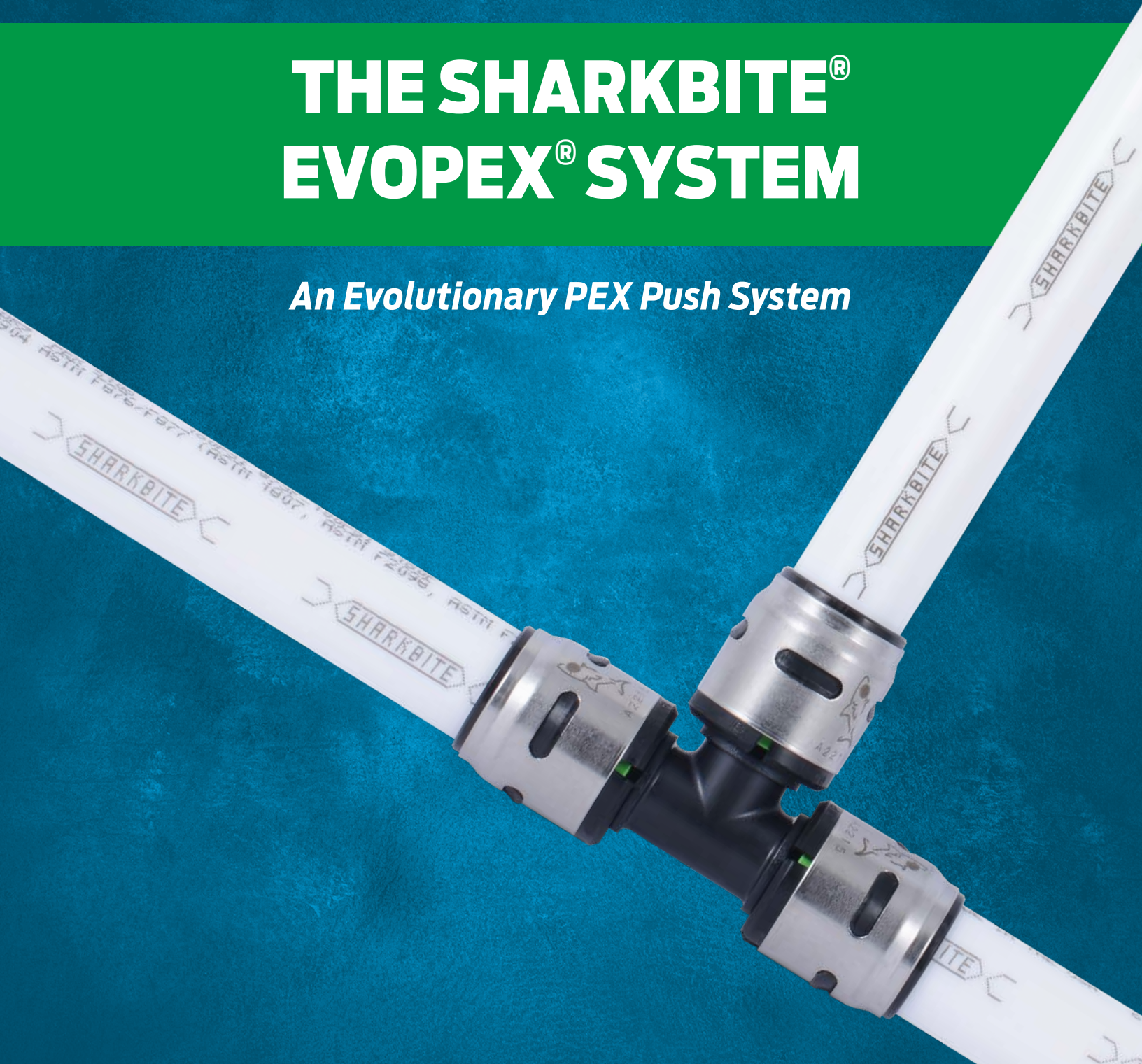




Table of Contents

SharkBite® Plumbing Solutions	2
Quality In Every Component	3
SharkBite PEX System	4–5
SharkBite EvoPEX System	6–7
Made in the USA	8
PEX System Comparison	9
Benefits of SharkBite PEX	10–11
SharkBite EvoPEX Fittings	12–13
Core Fittings	
SharkBite PEX Pipe	14–15
Potable Water PEX Pipe	
Special Application PEX Pipe	
PEX Accessories	
SharkBite Valves	16–17
Pressure Regulating Valves	
Thermostatic Mixing Valves	
Ball Valves & Check Valves	
General Service Valves	
SharkBite Accessories	18–20
Water Heater Connectors	
Hammer Arrestors & Gauges	
Stops & Fixture Supply Fittings	
Kits	
Accessories	
Radiant Fittings	
SharkTech Academy	21
Contractor Rewards	22
Limited Warranty	23–24



SharkBite Plumbing Solutions



Plumbing is a trade that requires skill and pride, and the plumbing system is one of the most critical components in residential homes, multi-family dwellings and commercial buildings. As plumbing systems have evolved, SharkBite® has been at the forefront of revolutionizing the industry. We strive to innovate efficient plumbing solutions that save installation time and improve system performance. We believe that it is our unwavering commitment to innovating new solutions for improving efficiency and reliability that make SharkBite the world leader and hallmark of push-to-connect plumbing solutions for plumbing professionals and mechanical contractors.

The new SharkBite® EvoPEX™ system is the next evolutionary step in providing an advanced potable water system for safe and efficient water delivery throughout the home. It is engineered to improve efficiency and enable plumbing contractors to optimize install time with clean, leak-free installations. Plumb an entire home without needing special tools. No soldering, unions, clamps or glue is required, which means cleaner installations, less potential leak points and less time lost on the job. Just connect and move on with the new evolutionary SharkBite EvoPEX system.

When installed as a comprehensive plumbing system using other trusted SharkBite brass fittings, PEX Pipe and water control valves, the SharkBite system is the only total rough-in plumbing solution from meter to fixture. One manufacturer with a complete set of solutions, designed for getting the job done.



Quality In Every Component

Designed for New Construction PEX Systems



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.



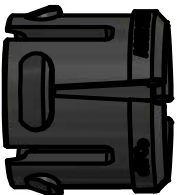
INDICATOR RING

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



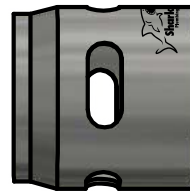
SPACER

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.

CERTIFICATIONS

ASSE 1061

NSF/ANSI 61

CSA B125.3

NSF 372

ASTM F877

ASTM E84*



*Certified to flame spread of 25 and smoke-developed rating of 50 when tested in accordance with ASTM E84.



1 SharkBite EvoPEX

- The Evolutionary push-to-connect fitting designed specifically for PEX Pipe systems.

2 SharkBite PEX Pipe

- Versatile, flexible, and durable PEX Pipe for residential hot and cold water applications.
- Made in the USA.



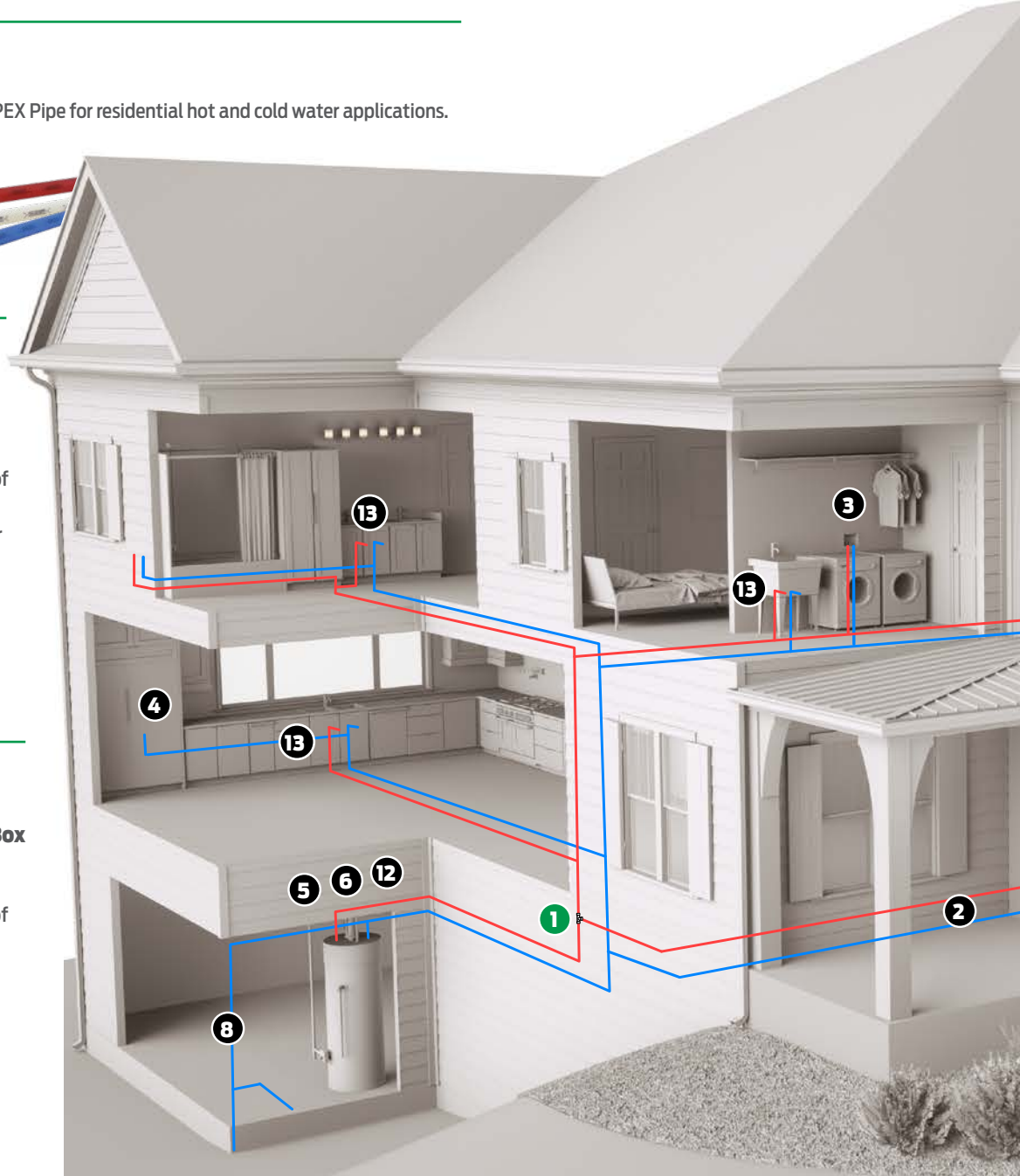
3 SharkBite Washing Machine Outlet Box

- Outlet boxes with SharkBite push-to-connect fittings allow for quick and easy installation of appliances.
- Available with or without Water Hammer Arrestor.



4 SharkBite Ice Maker Outlet Box

- Outlet boxes with SharkBite push-to-connect fittings allow for quick and easy installation of appliances.
- Available with or without Water Hammer Arrestor.



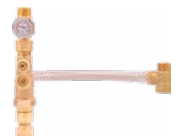
5 SharkBite Water Heater Connector Flex Hoses

- Eliminates the need for additional transition fittings with push-to-connect design for quick and easy installation.
- Offered in braided or corrugated stainless steel.



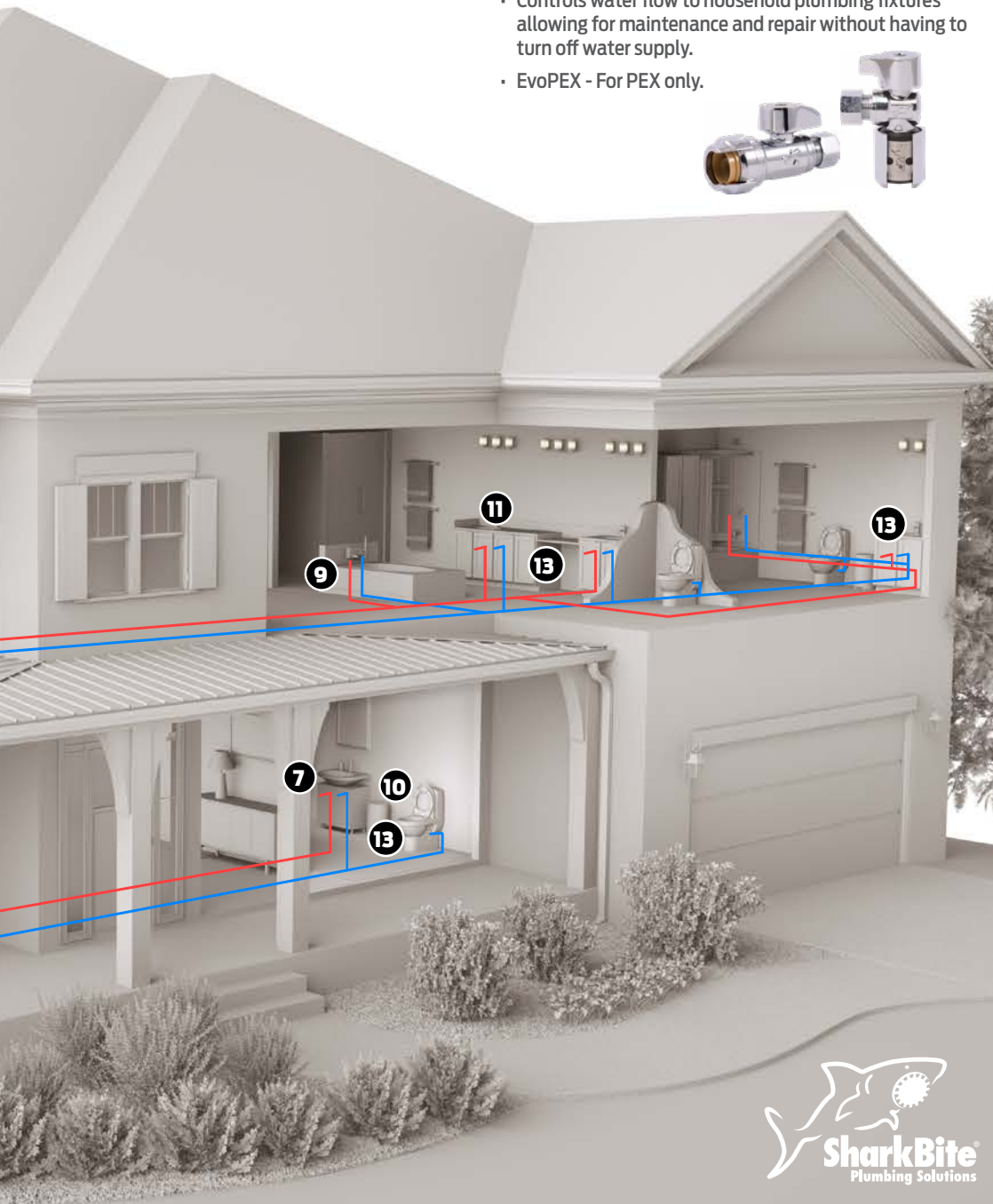
6 Cash Acme Tank Booster PRO

- Easy to install water heater mixing valve that mixes hot water with cold to deliver tempered water at 120°F (49°C).
- Increases usable hot water capacity by up to 100%.



SharkBite PEX System

A Revolutionary Plumbing System from the Meter to the Fixture without Tools



13 Angle and Straight Stops

- Controls water flow to household plumbing fixtures allowing for maintenance and repair without having to turn off water supply.
- EvoPEX - For PEX only.



12 Ball Valves

- Convenient single lever control makes it easy to use and encourages shut-off of water supply.
- Can be rotated after assembly for easier installation in tight spaces.
- EvoPEX - PEX only.
- SharkBite Universal - For Copper, PEX and CPVC.



11 Pipe Supports & Brackets

- Versatile brackets ideal for sink, lavatory & toilet plumbing solutions.
- Minimized concealed joints.
- No flames required.



10 PEX Stub Outs

- Allows plumbing to be roughed in, dry wall hung, and painted
- Optional integrated bracket to attached stub out to stud or support bracket



9 Cash Acme HG110-D

- Point-of-use and point-of-source temperature actuated mixing valve that mixes hot water with cold to deliver tempered water at a controlled temperature.
- Adjustable and lockable mechanism minimizes potential for tampering.
- Available with SharkBite ends.



7 Cash Acme HG145 & HG135

- Point-of-use thermostatic mixing valve designed to assist in the prevention of scalding.
- Compact design easily fits under or behind a single basin.



8 Cash Acme EB45

- Half-cartridge based pressure reducing and regulating valve.
- Retains a separate spring chamber and adjustable screw.
- Available with integral stainless steel SharkBite ends.



The SharkBite EvoPEX System

- Evolutionary push-to-connect technology
- Permanent, non-removable fitting for PEX pipe only
- No tools: increases efficiency and reduces risk of installation error
- Visual indicator provides verification of full pipe insertion
- No minimum space requirement between fittings
- SharkBite system warranty of 25 years

HOW TO MAKE A CONNECTION



STEP 1 When cutting SharkBite PEX Pipe, ensure that the ends are cut square and the surface is smooth. Ensure that both the EvoPEX fitting and pipe 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.



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 pressure 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 AND GUARANTEED

More than 1.5 million SharkBite connections are made every week. The leading push-to-connect fitting has now been engineered for 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.



MADE IN THE USA

*For full warranty details, please visit www.sharkbite.com

MADE IN THE USA

Proudly made in the USA, the SharkBite EvoPEX system is the next evolutionary step in providing an advanced potable water system for safe and efficient water delivery throughout the home. We own our manufacturing process from start to finish, so every EvoPEX fitting and piece of PEX pipe is guaranteed from concept to delivery.

SharkBite EvoPEX Fittings

SharkBite EvoPEX is the newest innovative push-to-connect fitting from SharkBite Plumbing Solutions and is designed for new construction and re-pipe applications. Engineered as an easy alternative to tool-based pipe joining methods, SharkBite EvoPEX improves efficiency, minimizes lost time on the job and mitigates risk.

SharkBite PEX Pipe

SharkBite PEX pipe is a cost-effective piping solution approved for use in both hot and cold plumbing installations. We meet the highest chlorine resistance standards and utilize the most energy-efficient manufacturing processes. With over 12 billion feet of pipe installed worldwide, SharkBite PEX pipe is proven and guaranteed.

When installed as a comprehensive plumbing system with other trusted SharkBite brass fittings and water control valves, the SharkBite EvoPEX system is truly the one and only total rough-in plumbing solution.



PEX System Comparison – Residential

	EvoPEX	Crimp	Expansion
No tools required to make fitting connection that can cause install error	✓	✗	✗
No calibration/maintenance required for proper function of tool	✓	✗	✗
No grooves in the tubing caused by the expansion tool that can create potential leak paths	✓	✓	✗
No heat gun needed for install in cold conditions	✓	✓	✗
Visual indicator for assurance of proper fitting connection	✓	✗	✗
High performance polymer with great chemical and chloramine resistance	✓	✓	✓
No potential for leaks caused by nicks on the fitting exterior	✓	✗	✗
Fitting manufactured in the USA	✓	✗	✓
Immediate pressure testing	✓	✓	✗
25 Year System Warranty	✓	✓	✓
No rings required for proper fitting connection	✓	✗	✗
Easy install with minimal learning curve for new laborers	✓	✗	✗

Benefits of SharkBite PEX



Health/Safety

No glue, solder, or solvents required for the connection process, which keeps potentially dangerous chemicals out of plumbing systems. Additionally, SharkBite PEX Pipe eliminates the need for open flames in the house that could be a potential fire hazard.



Versatile

SharkBite PEX Pipe can be installed in dry or wet conditions. SharkBite PEX Pipe can lend itself to many applications due to its physical properties of flexibility, reliability, and installation ease such as hydronic heating, fire protection, etc.



Chlorine Resistance

SharkBite PEX Pipe is tested to the highest level of chlorine resistance standards (100% chlorine at 140° F) and is certified to meet ASTM F876 oxidative-resistance requirements for continuous recirculation.



Proven and Guaranteed

SharkBite PEX Pipe has been around for more than 35 years with over 12 Billion feet of pipe installed worldwide.



Freeze Resistant

SharkBite PEX Pipe is freeze resistant as the pipe can expand and contract as water freezes and thaws within the pipe.



Flexibility

Able to bend pipe around corners which removes the need for 45° or 90° elbows in certain situations. SharkBite's new coiling process increases the flexibility of our coiled pipe even more.



Cost Effective

SharkBite PEX Pipe is substantially more cost effective than copper pipe—SharkBite PEX Pipe costs a third of the price of copper. SharkBite PEX Pipe is a fixed cost as prices don't fluctuate daily like copper pipe.

PROUDLY AMERICAN MADE

SHARKBITE PEX – CERTIFICATIONS



NSF/ANSI 14
NSF/ANSI 61



ASTM F 877



AWWA C904



ASTM F 876



CSA B137.5



UL 1821

Benefits of SharkBite PEX



	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	✓	✗	✓





PRODUCT DESCRIPTION	PART NUMBER	QTY
SHARKBITE EVOPEX FITTINGS (COMPATIBLE WITH PEX ONLY)		
CORE FITTINGS		
COUPLINGS		
1/2" X 1/2" (6 Pack)	K008WP6	1
3/4" X 3/4" (6 Pack)	K016WP6	1
1" X 1" (6 Pack)	K020WP6	1
REDUCING COUPLINGS		
3/4" X 1/2" (6 Pack)	K058WP6	1
1" X 3/4" (6 Pack)	K060WP6	1
FEMALE CONNECTORS		
1/2" X 1/2" FNPT Straight (3 Pack)	K072WP3	1
3/4" X 3/4" FNPT Straight (3 Pack)	K088WP3	1
1" X 1" FNPT Straight (3 Pack)	K094WP3	1
MALE CONNECTORS		
1/2" X 1/2" MNPT Straight (6 Pack)	K120WP6	1
3/4" X 3/4" MNPT Straight (3 Pack)	K134WP3	1
1" X 1" MNPT Straight (3 Pack)	K140WP3	1
ELBOWS		
1/2" X 1/2" (12 Pack)	K248WP12	1
3/4" X 3/4" (12 Pack)	K256WP12	1
1" X 1" (6 Pack)	K260WP6	1
REDUCING ELBOWS		
3/4" X 1/2" (6 Pack)	K274WP6	1
MALE ELBOWS		
1/2" X 1/2" MNPT (3 Pack)	K280WP3	1
DROP-EAR ELBOWS		
1/2" X 1/2" FNPT (3 Pack)	K334WP3	1
3/4" X 3/4" FNPT (3 Pack)	K340WP3	1
TEES		
1/2" X 1/2" X 1/2" (12 Pack)	K362WP12	1
3/4" X 3/4" X 3/4" (12 Pack)	K370WP12	1
1" X 1" X 1" (3 Pack)	K374WP3	1
REDUCING TEES		
1/2" X 1/2" X 3/4" (6 Pack)	K408WP6	1
3/4" X 3/4" X 1/2" (6 Pack)	K412WP6	1
3/4" X 3/4" X 1" (3 Pack)	K413WP3	1
1" X 3/4" X 3/4" (3 Pack)	K414WP3	1
1" X 1" X 1/2" (3 Pack)	K415WP3	1
1" X 1" X 3/4" (3 Pack)	K416WP3	1
1" X 3/4" X 1" (3 Pack)	K418WP3	1
1" X 3/4" X 1/2" (3 Pack)	K419WP3	1
3/4" X 1/2" X 3/4" (6 Pack)	K444WP6	1
3/4" X 1/2" X 1/2" (6 Pack)	K454WP6	1

PRODUCT DESCRIPTION	PART NUMBER	QTY
END CAPS		
1/2" (6 Pack)	K514WP6	1
3/4" (6 Pack)	K518WP6	1
1" (3 Pack)	K520WP3	1
STUB-OUTS		
1/2" x 6" PEX Stub Out with Bracket	K24649WP	25
1/2" x 6" PEX Stub Out	K24650WP	25
1/2" x 6" PEX Stub Out with Bracket and PEX 1/2" 90	K25578WP12	12
1/2" x 6" PEX Stub Out with PEX 1/2" 90	K25581WP12	12
BALL VALVES		
1/2" x 1/2"	K22222	12
3/4" x 3/4"	K22185	12
1" x 1"	K22223	6
ANGLE STOPS		
1/2" X 3/8" Compression	K23036	12
STRAIGHT STOPS		
1/2" X 3/8" Compression	K23037	12





PRODUCT DESCRIPTION	PART NUMBER	PART NUMBER	PART NUMBER	PACK/ QTY
SHARKBITE PEX PIPE				
POTABLE WATER PEX PIPE				
PEX PIPE (COILS)	WHITE	RED	BLUE	
1/4" (3/8" OD) 50'	U850W50			1
1/4" (3/8" OD) 100'	U850W100			1
3/8" 50'	U855W50			1
3/8" 100'	U855W100	U855R100	U855B100	1
1/2" 25'	U860W25W	U860R25W	U860B25W	1
1/2" 50'	U860W50W	U860R50W	U860B50W	1
1/2" 100'	U860W100W	U860R100W	U860B100W	1
1/2" 300'	U860W300W	U860R300W	U860B300W	1
1/2" 500'	U860W500W	U860R500W	U860B500W	1
1/2" 1000'	U860W1000W	U860R1000W	U860B1000W	1
3/4" 25'	U870W25W	U870R25W	U870B25W	1
3/4" 50'	U870W50W	U870R50W	U870B50W	1
3/4" 100'	U870W100W	U870R100W	U870B100W	1
3/4" 300'	U870W300W	U870R300W	U870B300W	1
3/4" 500'	U870W500W	U870R500W	U870B500W	1
1" 100'	U880W100W	U880R100W	U880B100W	1
1" 300'	U880W300W	U880R300W	U880B300W	1
1" 500'	U880W500W	U880R500W	U880B500W	1
PEX PIPE (STRAIGHT LENGTHS)	WHITE	RED	BLUE	
1/4" (3/8" OD) 5'	U850W5			20
3/8" 5'	U855W5			10
3/8" 10'	U855W10			10
1/2" 2'	U860W2	U860R2	U860B2	60
1/2" 5'	U860W5	U860R5	U860B5	10
1/2" 10'	U860W10	U860R10	U860B10	10
1/2" 20'	U860W20	U860R20	U860B20	10
3/4" 2'	U870W2	U870R2	U870B2	30
3/4" 5'	U870W5	U870R5	U870B5	10
3/4" 10'	U870W10	U870R10	U870B10	10
3/4" 20'	U870W20	U870R20	U870B20	10
1" 5'	U880W5	U880R5	U880B5	5
1" 10'	U880W10	U880R10	U880B10	5
1" 20'	U880W20	U880R20	U880B20	5
SPECIAL APPLICATION PEX PIPE				
RECLAIMED WATER PEX PIPE (PURPLE COILS)				
1/2" 100'			U860P100	1
1/2" 300'			U860P300	1
3/4" 100'			U870P100	1
3/4" 300'			U870P300	1
1" 100'			U880P100	1
1" 300'			U880P300	1

PRODUCT DESCRIPTION	PART NUMBER	PACK/ QTY
OXYGEN BARRIER PEX PIPE (ORANGE COILS)		
3/8" 100'	U8550100	1
3/8" 300'	U8550300	1
3/8" 500'	U8550500	1
1/2" 100'	U8600100	1
1/2" 300'	U8600300	1
1/2" 500'	U8600500	1
1/2" 1000'	U86001000	1
5/8" 300'	U8650300	1
3/4" 100'	U8700100	1
3/4" 300'	U8700300	1
3/4" 500'	U8700500	1
3/4" 1000'	U87001000	1
1" 100'	U8800100	1
1" 300'	U8800300	1
1" 500'	U8800500	1
OXYGEN BARRIER PEX PIPE (ORANGE STRAIGHT LENGTHS)		
1/2" 20'	U860020	10
3/4" 10'	U870010	10
3/4" 20'	U870020	10
1" 20'	U880020	5
PEX ACCESSORIES		
PEX ACCESSORIES		
PEX Decoiler	UFH034	1
PEX Pipe Cutter 1/4" - 1"	U701	1
PEX BEND SUPPORTS, SUSPENSION CLAMPS AND INSULATORS		
3/8" J Hook Pex Pipe Clamp	23065	12
1/2" J Hook Pex Pipe Clamp	23220	12
3/4" J Hook Pex Pipe Clamp	23221	12
1/2" Insulated Suspension Clamp (10 Pack)	23071A10	6
3/4" Insulated Suspension Clamp (10 Pack)	23072A10	6
1" Insulated Suspension Clamp (10 Pack)	23073A10	6
1/2" Pipe Insulator (10 Pack)	23074A10	6
3/4" Pipe Insulator (10 Pack)	23075A10	6
1" Pipe Insulator (10 Pack)	23076A10	6
1/2" Polymer Bend Support with Mounting Bracket	23050	12
3/4" Polymer Bend Support	23051	6
1/2" Metal Pipe Support	23053	12
3/4" Metal Pipe Support	23054	12























PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG
SHARKBITE VALVES		
PRESSURE REGULATING VALVES		
EB45 LEAD FREE SHARKBITE CONNECTIONS		
1/2" EB45-DSB Direct SharkBite	23807-0045	1
1/2" EB45-SDSB Slip Feature Direct SharkBite	24383-0045	1
1/2" EB45-DUSB Double Union SharkBite	23893-0045	1
3/4" EB45-DSB Direct SharkBite	23808-0045	1
3/4" EB45-SDSB Slip Feature Direct SharkBite	24384-0045	1
3/4" EB45-DUSB Double Union SharkBite	23894-0045	1
3/4" EB45-DUSB Double Union SharkBite (60 psi setting)	23896-0060	1
3/4" EB45-DUSB Double Union SharkBite with Gauge Port	24449-0045	1
1" EB45-DSB Direct SharkBite	22675-0045	1
1" EB45-DUSB Double Union SharkBite	23358-0045	1
1" EB45-DUSB Double Union SharkBite (60 psi setting)	23945-0060	1
EB25 LEAD FREE SHARKBITE CONNECTIONS		
3/4" EB25-DUSB Double Union SharkBite	23955-0045	1
1" EB25-DUSB Double Union SharkBite	23956-0045	1
THERMOSTATIC MIXING VALVES		
TANK BOOSTER PRO LEAD FREE (ASSE 1017, 1070, & CSA B 125.3)		
3/4" Heatguard Tank Booster Pro with Corrugated Hose and Integral Checks	24639	1
3/4" Heatguard Tank Booster Pro with Braided Hose and Integral Checks	24832	1
3/4" Heatguard Tank Booster Pro with Corrugated Hose, Integral Checks, and Temperature Gauge	24643	1
3/4" Heatguard Tank Booster Pro with Braided Hose, Integral Checks, and Temperature Gauge	24644	1
HG110-D LEAD FREE (ASSE 1017, 1069, & 1070, CSA B 125.3. DISTRIBUTION AND IN-LINE)		
1/2" HG110-D with Integrated SharkBite Connections and Integral Checks	24548	1
3/4" HG110-D with Integrated SharkBite Connections and Integral Checks	24549	1
1/2" HG110-D with SharkBite Connections	24504	1
3/4" HG110-D with SharkBite Connections	24505	1
HG160 LEAD FREE (ASSE 1069 & 1070, CSA B 125.3. IN-LINE)		
1/2" HG160 with SharkBite Connections	24529	1
3/4" HG160 with SharkBite Connections	24530	1
HG135 LEAD FREE WITH MOUNTING BRACKET & HARDWARE AND INLET STRAINER SCREENS (ASSE 1070 & CSA B 125.3)		
3/8" HG135 Chrome Finish with Compression Connections and Integral Checks	25686	1
3/8" HG135 Chrome Finish with Compression Connections, Tee and Integral Checks	25687	1
HG145 LEAD FREE (ASSE 1070 & CSA B 125.3)		
3/8" HG145 with Compression Connections and Integral Checks	24524	1
3/8" HG145 with Compression Connections, Tee & Elbow and Integral Checks	24525	1
BALL VALVES & CHECK VALVES		
BALL VALVES		
1/2" X 1/2"	22222-0000LF	12
3/4" X 3/4"	22185-0000LF	12
1" X 1"	22223-0000LF	6



PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG
BALL VALVES WITH DRAIN/VENT		
1/2" x 1/2" x 1/8" NPSM Drain Thread	22304-0000LF	12
3/4" x 3/4" 1/8" NPSM Drain Thread	22305-0000LF	12
1" x 1" 1/8" NPSM Drain Thread	22306-0000LF	6
BALL VALVES WITH DRAIN/VENT AND MOUNTING BRACKET		
1/2" x 1/2"	24615-0000LF	12
3/4" x 3/4"	24616-0000LF	6
1" x 1"	24617-0000LF	6
SLIP BALL VALVES		
1/2" x 1/2"	24735LF	6
3/4" x 3/4"	24736LF	6
1" x 1"	24737LF	3
CHECK VALVES		
1/2" X 1/2"	U2008-0000LF	6
3/4" X 3/4"	U2016-0000LF	6
1" X 1"	U2020-0000LF	3
GENERAL SERVICE VALVES		
GATE VALVES WITH DRAIN		
1/2" x 1/2"	24634LF	12
3/4" x 3/4"	24635LF	12
HOSE BIBBS		
1/2" x 3/4" MHT 90 Deg Hose Bibb – Quarter Turn	24620LF	6
3/4" x 3/4" MHT 90 Deg Hose Bibb – Quarter-Turn	24621LF	6
1/2" x 3/4" MHT 90 Deg Hose Bibb – Multi-Turn	24626LF	6
3/4" x 3/4" MHT 90 Deg Hose Bibb - Multi-Turn	24627LF	6
1/2" x 3/4" MHT No-Kink 45 Deg Hose Bibb – Quarter Turn	24630LF	6
3/4" x 3/4" MHT No-Kink 45 Deg Hose Bibb – Quarter-Turn	24631LF	6
1/2" x 3/4" MHT No-Kink 45 Deg Hose Bibb – Multi-Turn	24632LF	6
3/4" x 3/4" MHT No-Kink 45 Deg Hose Bibb - Multi-Turn	24633LF	6
GARDEN VALVES		
1/2" x 3/4" MHT	24622LF	6
3/4" x 3/4" MHT	24623LF	6
ANTI-SIPHON FROST-FREE SILLCOCKS		
1/2" x 3/4" MHT 8"	24628LF	4
1/2" x 3/4" MHT 10"	24629LF	4
1/2" x 3/4" MHT 12"	24636LF	4
1/2" x 3/4" MHT 15"	24637LF	4
1/2" x 3/4" MHT 18"	24638LF	4



PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG
SHARKBITE ACCESSORIES		
WATER HEATER CONNECTORS		
STAINLESS STEEL BRAIDED WATER HEATER CONNECTORS		
 1/2" X 3/4" FIP, 12"	U3068FLEX12LF	12
 1/2" X 3/4" FIP, 15"	U3068FLEX15LF	12
 1/2" X 3/4" FIP, 18"	U3068FLEX18LF	12
 1/2" X 3/4" FIP, 24"	U3068FLEX24LF	12
 3/4" X 3/4" FIP, 12"	U3088FLEX12LF	12
 3/4" X 3/4" FIP, 15"	U3088FLEX15LF	12
 3/4" X 3/4" FIP, 18"	U3088FLEX18LF	12
 3/4" X 3/4" FIP, 24"	U3088FLEX24LF	12
STAINLESS STEEL CORRUGATED WATER HEATER CONNECTORS		
 3/4" X 3/4" FIP, 18"	SS3088FLEX18LF	12
 3/4" X 3/4" FIP, 24"	SS3088FLEX24LF	12
 3/4" x 1" FIP, 24"	SS3086FLEX24LF	6
STAINLESS STEEL BRAIDED WATER HEATER CONNECTORS WITH BALL VALVES		
 1/2" X 3/4" FIP, 18"	U3068FLEX18BVLV	12
 3/4" X 3/4" FIP, 18"	U3088FLEX18BVLV	12
STAINLESS STEEL CORRUGATED WATER HEATER CONNECTORS WITH BALL VALVES		
 1/2" X 3/4" FIP, 18"	SS3068FLEXBVLV	12
 3/4" X 3/4" FIP, 18"	SS3088FLEXBVLV	12
STAINLESS STEEL BRAIDED WATER COUPLING HOSE		
 1/2" X 1/2", 18"	U3008FLEX18LF	12
 3/4" X 3/4", 18"	U3016FLEX18LF	12
STAINLESS STEEL BRAIDED WATER SOFTENER CONNECTOR		
 3/4" X 1" FIP, 24"	U3086FLEX24LF	6
WATER SOFTENER FITTINGS		
 3/4" X 1" FIP	U086LF	12
WATER HAMMER ARRESTORS & GAUGES		
WATER HAMMER ARRESTORS (PROVIDES MAINTENANCE-FREE, CONTINUOUS PROTECTION AGAINST WATER HAMMER. CAN BE POSITIONED VERTICALLY OR HORIZONTALLY AND THE SHARKBITE CONNECTORS ALLOW THE ARRESTOR TO BE INSTALLED IN SECONDS, EVEN ON WET PIPE.)		
 1/2" Residential	22630LF	1
1/2" Commercial	22631LF	1
3/4" Residential	22632LF	1
1" Commercial	22633LF	1
PRESSURE GAUGES		
with 1/2" Tee	24436	1
with 3/4" Tee	24438	1
with 1" Tee	24440	1
with 1/2" CTS Pressure Gauge (inserts into any 1/2" SB fitting)	24442	1
with 3/4" CTS Pressure Gauge (inserts into any 3/4" SB fitting)	24444	1
TEMPERATURE GAUGES		
with 1/2" Tee	24437	1
with 3/4" Tee	24439	1

PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG
with 1" Tee	24441	1
with 1/2" CTS Pressure Gauge (inserts into any 1/2" SB fitting)	24443	1
with 3/4" CTS Pressure Gauge (inserts into any 3/4" SB fitting)	24445	1
STUB OUT ELBOWS		
1/2" SB X 1/2" Copper Tube 8" Length	U351LFA	6
STOPS & FIXTURE SUPPLY FITTINGS		
PUSH-TO-CONNECT HOME RUN MANIFOLDS		
12 Port with Brass Valves	PM012SB	1
24 Port with Brass Valves	PM024SB	1
ANGLE STOPS		
1/2" X 3/8" Compression	23036-0000LF	12
1/2" X 1/4" (3/8" OD)	23048-0000LF	6
1/2" X 1/4" Compression	23336-0000LF	6
1/2" X 1/2" Compression	23489	6
1/2" X 1/2" MIP	24946	6
STRAIGHT STOPS		
1/2" X 3/8" Compression	23037-0000LF	12
1/2" X 1/4" (3/8" OD)	23049-0000LF	6
1/2" X 1/4" Compression	23337-0000LF	6
1/2" X 1/2" Compression	23490	6
1/2" X 1/2" MIP	24947	6
TEE STOPS		
1/2" X 1/2" X 1/4" Compression	24983	6
1/2" X 1/2" X 3/8" Compression	24984	6
3/4" X 3/4" X 1/4" Compression	24985	6
3/4" X 3/4" X 3/8" Compression	24986	6
1/2" X 1/2" X 1/4" (3/8" OD) SB	24987	6
STOP VALVE CONNECTORS		
1/4" (3/8" OD) X 3/8" Compression (Converts 3/8" comp stop to SharkBite)	U3523LF	6
1/4" (3/8" OD) X 1/4" Compression Nut	U3524LF	6
STOP VALVE TEE ADAPTERS		
1/4" (3/8" OD) X 1/4" (3/8" OD) X 3/8" Compression	U3358LF	6
1/4" (3/8" OD) X 1/4" (3/8" OD) X 1/4" (3/8" OD) Tube	U4358LF	6
DUAL TEE STOP VALVE ADAPTERS		
1/2" CTS X 1/2" CTS X 1/2"	U782LF	6
FAUCET CONNECTORS		
1/4" (3/8" OD) X 1/2" Threaded	U3525LF	6
TOILET CONNECTORS		
1/4" (3/8" OD) X 7/8" Ballcock Threads	U3531LF	6
1/4" (3/8" OD) X 7/8" Ballcock Threads Elbow	U3537LF	6
DISHWASHER ELBOWS		
1/4" (3/8" OD) X 3/8" MNPT Dishwasher	U276LF	6
1/4" (3/8" OD) X 3/4" Garden Hose Nut	U2276LF	6





PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG
KITS		
WATER HEATER INSTALLATION KITS (KITS INCLUDE 2 SHARKBITE CONNECTOR FITTINGS AND A DISCONNECT CLIP)		
1/2" X 3/4" FNPT	22604LF	12
3/4" X 3/4" FNPT	22441LF	12
ICE MAKER OUTLET BOX KITS		
1/2" SB X 1/4" Compression	25096	1
1/2" SB X 1/4" Compression with Water Hammer Arrestor	25097	1
WASHING MACHINE OUTLET BOX KITS		
1/2" SB X 3/4" MHT	25098	1
1/2" SB X 3/4" MHT with Water Hammer Arrestor	25099	1
ICE MAKER KIT IN BAGGED PACKAGING (ICE MAKER KITS COME WITH 1 SERVICE SLIP TEE, 1 ANGLE STOP, 1 VALVE CONNECTOR, 10' 1/4" WHITE PEX PIPE)		
Ice Maker Connector with Angle Stop	25024	1
ACCESSORIES		
DEBURR & GAUGE TOOL		
Deburr & Gauge Tool (Use for 1/4", 3/8", 1/2", 5/8", 3/4" and 1" copper and PVC pipe)	U702	1
DISCONNECT CLIPS		
1/4"	U706	12
3/8"	U708	24
1/2"	U710	24
5/8"	U3712	24
3/4"	U712	24
1"	U714	12
DISCONNECT TONGS		
1/2" Disconnect Tong	U711	1
3/4" Disconnect Tong	U713	1
1" Disconnect Tong	U715	1
WRAP FOR FITTING BURIAL		
10' x 2" X 0.02" Silicone Wrap	25406	1
RADIANT FITTINGS		
RADIANT FITTINGS (NON-POTABLE WATER APPLICATION)		
5/8" X 5/8" Coupling	U012	6
3/4" X 5/8" Reducing Coupling	U057	6
5/8" X 3/4" MNPT Reducing Adapter	U126	6
5/8" X 5/8" Elbow	U252	6
3/4" X 5/8" Elbow	U273	6
5/8" X 5/8" X 5/8" Tee	U366	6
5/8" End Stop	U516	6



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LIMITED WARRANTY

SHARKBITE® AND CASH ACME® PRODUCTS

WHAT DOES THIS WARRANTY COVER?

Subject to conditions outlined in this statement, RWC (in the USA, Reliance Worldwide Corporation and in Canada, Reliance Worldwide Corporation (Canada) Inc.) warrants to owners of real property in the United States and Canada that SharkBite and Cash Acme products, when used and installed in accordance with the requirements set forth, shall be free from defects in material and workmanship for the applicable Warranty Period. This Limited Warranty is in effect for installations made after January 1, 2016 and is applicable to products installed in the country in which they were purchased.

Proof of purchase is required to validate the Warranty Period. If proof of purchase is not available, the Warranty Period commencement shall default to the date of manufacture for each product. If the product suspected of a defect does not have a clear date of manufacture on it, a proof of purchase will be required.

WHAT ARE THE CONDITIONS OF THIS WARRANTY?

1. All products must be installed in accordance with all then applicable codes, good plumbing practice, in accordance with any local, state, provincial or federal requirements, and installed in a potable water or radiant heating application unless a non-potable water service is specifically allowed for in the pertinent product literature.
2. The installer must use construction techniques compliant with then applicable codes to install the product and use the product within the design parameters specified in any installation guidelines and technical notes for the applicable system. This shall include field pressure testing prior to concealing with concrete or by other means and wrapping any brass fitting when buried. Failure to install RWC products according to manufacturer's installation instruction will void all applicable warranties and may result in severe water damage.
3. Products must at all times be used in a manner consistent with their intended use and be used in installations and environments acceptable to their material and design specifications, including not being installed in a system that may operate at temperatures or at pressures that exceed the approved ratings which can be found on the product, packaging or installation instructions.
4. Additional product specific conditions of this Limited Warranty and the Warranty Period are documented in the section entitled "HOW LONG DOES THE LIMITED WARRANTY COVERAGE LAST AND WHAT OTHER SPECIFIC CONDITIONS EXIST FOR EACH PRODUCT?". A condition for SharkBite Connection Systems is that the product must be installed by a licensed professional plumbing contractor.
5. Without limiting the foregoing, this Limited Warranty does not apply and you do not have a right of reimbursement if the product failure or resulting damage is caused by: (a) evidence of tampering, mishandling, neglect, abuse, accidental damage, freeze damage (it is expressly understood that failure as a result of any freezing fluids within the pipes does not constitute a defect in material or workmanship and shall not be covered by this warranty) or unauthorized modifications or repairs that cause damage to warranted products; (b) exposure to harmful, unauthorized, or unanticipated chemicals or substances or corrosive water conditions; (c) exposure to ultraviolet light; (d) faulty installation including failure to follow proper burial instructions; (e) damage from abnormal operating conditions including exposure pressures and temperatures beyond the specified operating range; (f) failure to properly test and pass common testing methods (including pressure testing) after the installation and before the product or system is put in service; (g) components not manufactured or sold by RWC; or (h) acts of nature such as earthquakes, fire, flood or lightning.
6. Although RWC provides a plumbing system to facilitate a complete installation, other manufacturers pipe and/or fittings may be installed in any given installation provided manufacturing of the pipe and/or fittings demonstrates compliance with the applicable ASTM/CSA standards, and the product has been certified by a recognized third-party testing agency. The RWC product in the given installation will continue to be covered under this Limited Warranty although limits on Warranty Period may apply. RWC will be responsible only for proven defects in material or workmanship in RWC products. Problems in products manufactured by another company should be reported to that manufacturer.

HOW DO YOU GET SERVICE?

In order to be eligible for service under this Limited Warranty you must return the defective product to RWC for inspection and testing within thirty (30) days after detection of alleged failure or defect occurring within applicable Warranty Period (with shipping charges prepaid) to the original place of purchase. If the alleged

defect involves a connection or joint with a RWC product, the fitting must be returned with a section of the pipe still inserted. You must include the model number of the product (if available), the original date of purchase, proof of purchase and the nature of the alleged product failure or defect. Products returned without shipping charges prepaid will be refused. For questions or inquiries, in the U.S. call 1(877)700-4242 and in Canada 1(888)820-0120.

WHAT WILL RWC DO?

If, after inspection, we find that a product covered by this Limited Warranty has failed due to a defect in material or workmanship during the specified Warranty Period, we will repair or replace, at our sole option, free of charge, the defective product during normal working hours and through a place of business as determined by RWC.

Notwithstanding anything to the contrary in this Limited Warranty, if RWC determines that any damages to the real property in which a defective product was installed were the direct result of a leak or failure caused by a defect in material or workmanship in any RWC product covered by this Limited Warranty and occurring within the first ten years after date of purchase or during the applicable Warranty Period, whichever is shorter, and if reasonable steps were taken to promptly limit or stop the effects of such leak or failure as soon as it was discovered, then RWC will reimburse the property owner for the reasonable costs of repairing or replacing such damaged real property to include flooring, drywall and painting and other real property damaged by the leak directly caused by the allegedly defective RWC product. Except as specified above or otherwise specifically authorized in writing by RWC, RWC shall not pay for any costs or expenses for transportation, relocation, labor, repairs or any other work associated with removing and/or returning failed or defective products or installing replacement products.

This shall constitute the sole and exclusive remedy for any defective product.

WHAT DOES THIS LIMITED WARRANTY NOT COVER?

RWC shall not be responsible for any other incidental, indirect, contingent, special or consequential damages, including without limitation, economic loss, lost profits or the cost of repairing or replacing other property which is damaged if these warranted products do not work properly, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, adverse chemical environments, or any other circumstances over which RWC has no control. This limitation applies even if RWC could have foreseen or has been advised of the possibility of these damages. This Limited Warranty shall be invalidated by any abuse, misuse, misapplication or improper installation of the product. Any remaining warranty coverage may not be assigned or transferred after the period ending ten years following the installation. RWC does not guarantee or in any way warrant the integrity or workmanship of the contractor/installer.

MISCELLANEOUS

Some States/Provinces do not allow limitations on how long an implied warranty lasts, and some States/Provinces do not allow the exclusion or limitation of incidental or consequential damages. Therefore, the above limitations may not apply to you. This Limited Warranty gives you specific legal rights, and you may have other rights that vary from State/Province to State/Province. You should consult applicable State/Provincial laws to determine your rights.

SO FAR AS IS CONSISTENT WITH APPLICABLE STATE/ PROVINCAL/ FEDERAL LAW, THE EXPRESS WARRANTY SET FORTH HEREIN IS THE ONLY WARRANTY GIVEN BY RWC WITH RESPECT TO THE SHARKBITE® AND CASH ACME® PRODUCTS AND RWC MAKES NO OTHER WARRANTIES, EXPRESSED OR IMPLIED, AND HEREBY SPECIFICALLY DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

This Limited Warranty and any claims arising from breach of contract, breach of warranty, tort, or any other claim arising from sale or use of RWC's products shall be governed and construed under the laws of the State of Georgia. No action on the part of RWC under this Limited Warranty shall be construed as an admission of liability of that the product is not fit for its intended use.

HOW LONG DOES THE LIMITED WARRANTY COVERAGE LAST AND WHAT OTHER SPECIFIC CONDITIONS EXIST FOR EACH PRODUCT?

CLASSIFICATION	PRODUCT CATEGORY	LIMITED WARRANTY PERIOD	COMMENTS
SharkBite Connection Systems	SharkBite Brass and Poly PEX Barb Fittings in conjunction with SharkBite PEX Pipe and SharkBite Rings/Clamps	Twenty-Five (25) Years	System must be installed by a licensed professional plumbing contractor and include: <ul style="list-style-type: none"> • SharkBite PEX Pipe Only - ASTM F876/CSA B137.5 • SharkBite Copper Crimp Rings – ASTM F1807 or F2159 • Stainless Steel Clamp Rings – ASTM F2098
	SharkBite EvoPEX Fittings in conjunction with SharkBite PEX Pipe	Twenty-Five (25) Years	System must be installed by a licensed professional plumbing contractor and include: <ul style="list-style-type: none"> • SharkBite PEX Pipe Only - ASTM F876/CSA B137.5
SharkBite and Cash Acme Products	SharkBite Universal Push-To-Connect Fittings and SharkBite 2XL Large Diameter Push-To-Connect Fittings in Application with Copper, PEX, CPVC and/or PE-RT	Twenty-Five (25) Years	Must be used with: <ul style="list-style-type: none"> • Copper–ASTM B 88 hard drawn copper tube K, L, and M • PEX–ASTM F876/CSA B137.5 • CPVC–ASTM D2846 or CSA B137.6 • PE-RT–ASTM F2769
	SharkBite Universal Push-To-Connect Fittings and SharkBite 2XL Large Diameter Push-To-Connect Fittings in Application with HDPE	Five (5) Years	Must be used with: <ul style="list-style-type: none"> • HDPE SDR-9 ASTM D2737
	SharkBite PEX Pipe	Twenty-Five (25) Years	Must be used with: <ul style="list-style-type: none"> • ASSE 1061, ASTM F1807, ASTM F2098, and/or ASTM F2159 Fittings
	SharkBite Brass PEX Barb Fittings/ Copper Manifold	Five (5) Years	Must be used with Non-SharkBite PEX Pipe and Clamps/Rings that conform to: <ul style="list-style-type: none"> • PEX – ASTM F876/CSA B137.5 • Copper Crimp Rings – ASTM F1807 • Stainless Steel Clamp Rings – ASTM F2098
	SharkBite Poly PEX Barb Fittings	Five (5) Years	Must be used with Non-SharkBite PEX Pipe and Clamps/Rings that conform to: <ul style="list-style-type: none"> • PEX – ASTM F876/CSA B137.5 • Copper Crimp Rings – ASTM F2159 • Stainless Steel Clamp Rings – ASTM F2098
	SharkBite EvoPEX Fittings	Five (5) Years	Must be used on Non-SharkBite PEX Pipe that conform to ASTM F876/CSA B137.5
	SharkBite Tools	One (1) Year	From date of purchase; used in accordance with instructions
	SharkBite and Cash Acme Thermostatic Mixing Valves	Five (5) Years	Must be installed per installation instructions
	Other SharkBite and Cash Acme Valves	Two (2) Years	Must be installed per installation instructions
	SharkBite Accessories (Ball Valves, Supply Hoses, Supply Stops, Supply Valve Box Systems, Kits, Manifolds, etc.)	Two (2) Years	Must be installed per installation instructions





RELIANCE WORLDWIDE CORPORATION

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