



**SharkBite®**

*Plumbing Solutions*





# THE SHARKBITE® CONNECTION SYSTEM

## Includes Push-Fit and Barb Products and PEX Tubing

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## INSTALLATION AND DISCONNECTION



### EASY INSTALLATION

Ensure the pipe is cut square, using the deburr tool (U702) – remove rough edges/debris and mark the pipe for correct depth. Push pipe and fitting together up to the depth mark.



### FAST DISASSEMBLY

Using the simple disconnect clip or tongs, fittings can be easily changed and reused.

# THE SHARKBITE® CONNECTION SYSTEM

## Lightning Fast. Won't Let Go.

- Connects copper, CPVC and PEX pipe in any combination.
- No soldering, clamps, unions or glue.
- Certified to 200 psi and 200°F.
- Certified for underground and behind the wall applications and as a manufactured joint without access panels.
- All SharkBite® Brass Products including, Lead Free, are DZR Brass.
- Certified for potable water and hydronics.
- Integral tube liner for PEX installations.
- Fittings can even be rotated after assembly for easier installation in tight spaces.
- Easy to disconnect if needed.



Reliance Worldwide USA  
Phone: **1-877-700-4242**  
Fax: **1-877-700-4280**

Reliance Worldwide Canada  
Phone: **1-888-820-0120**  
Fax: **1-905-265-2775**

## SharkBite® Push-Fit Products

SharkBite® continues to lead the industry with an expansive line of fittings, valves and other innovative, labor saving products for plumbing projects. SharkBite® push-fit fittings are the fastest, easiest way to join copper, CPVC and PEX in any combination with no soldering or glue. Certified: 200 psi & 200°F (93°C). Use for new installation and repair of potable water distribution systems. See certifications & approvals on page 16.



### Couplings

| SIZE           | P/N  | P/N (Lead Free) |
|----------------|------|-----------------|
| 1/4" (3/8" OD) | U004 | U004LF          |
| 3/8" (1/2" OD) | U006 | U006LF          |
| 1/2"           | U008 | U008LF          |
| 5/8"           | U012 | —               |
| 3/4"           | U016 | U016LF          |
| 1"             | U020 | U020LF          |



### Reducing Couplings

| SIZE                  | P/N             | P/N (Lead Free) |
|-----------------------|-----------------|-----------------|
| 1/4" (3/8" OD) X 1/2" | U050 <b>NEW</b> | U050LF          |
| 3/8" (1/2" OD) X 1/2" | U009            | U009LF          |
| 3/4" X 5/8"           | U057            | —               |
| 3/4" X 1/2"           | U058            | U058LF          |
| 1" X 3/4"             | U060            | U060LF          |



### Slip Couplings

Only suitable for  
Copper and CPVC

| SIZE | P/N   | P/N (Lead Free) |
|------|-------|-----------------|
| 1/2" | U3008 | U3008LF         |
| 3/4" | U3016 | U3016LF         |
| 1"   | U3020 | U3020LF         |



### Polybutylene Conversion Couplings

| SIZE              | P/N   | P/N (Lead Free) |
|-------------------|-------|-----------------|
| 1/2" PB X 1/2" SB | U4008 | U4008LF         |
| 3/4" PB X 3/4" SB | U4016 | U4016LF         |



### Female Connectors

| SIZE                       | P/N  | P/N (Lead Free) |
|----------------------------|------|-----------------|
| 1/4" (3/8" OD) X 1/2" FNPT | U066 | U066LF          |
| 3/8" (1/2" OD) X 1/2" FNPT | U070 | U070LF          |
| 1/2" X 3/4" FNPT           | U068 | U068LF          |
| 1/2" X 1/2" FNPT           | U072 | U072LF          |
| 3/4" X 3/4" FNPT           | U088 | U088LF          |
| 3/4" X 1/2" FNPT           | U092 | U092LF          |
| 1" X 1" FNPT               | U094 | U094LF          |



### Male Connectors

| SIZE                       | P/N  | P/N (Lead Free) |
|----------------------------|------|-----------------|
| 1/4" X 1/2" MNPT           | U110 | U110LF          |
| 3/8" (1/2" OD) X 1/2" MNPT | U118 | U118LF          |
| 1/2" X 3/4" MNPT           | U116 | U116LF          |
| 1/2" X 1/2" MNPT           | U120 | U120LF          |
| 5/8" X 3/4" MNPT           | U126 | —               |
| 3/4" X 3/4" MNPT           | U134 | U134LF          |
| 3/4" X 1/2" MNPT           | U138 | U138LF          |
| 3/4" X 1" MNPT             | U139 | U139LF          |
| 1" X 1" MNPT               | U140 | U140LF          |
| 1" X 3/4" MNPT             | U142 | —               |



### Elbows

| SIZE           | P/N  | P/N (Lead Free) |
|----------------|------|-----------------|
| 1/4" (3/8" OD) | U244 | U244LF          |
| 3/8" (1/2" OD) | U246 | U246LF          |
| 1/2"           | U248 | U248LF          |
| 5/8"           | U252 | —               |
| 3/4"           | U256 | U256LF          |
| 1"             | U260 | U260LF          |



### Female Elbows

| SIZE                     | P/N             | P/N (Lead Free) |
|--------------------------|-----------------|-----------------|
| 1/4" (3/8" OD) X 3/4" GH | U2276           | U2276LF         |
| 1/2" X 1/2" FNPT         | U308            | U308LF          |
| 3/4" X 3/4" FNPT         | <b>NEW</b> U314 | U314LF          |



### Male Elbows

| SIZE                       | P/N             | P/N (Lead Free) |
|----------------------------|-----------------|-----------------|
| 1/4" (3/8" OD) X 3/8" MNPT | U276            | U276LF          |
| 1/2" X 3/8" MNPT           | U281            | U281LF          |
| 1/2" X 1/2" MNPT           | U280            | U280LF          |
| 3/4" X 3/4" MNPT           | <b>NEW</b> U286 | U286LF          |



### Reducing Elbows

| SIZE                  | P/N  | P/N (Lead Free) |
|-----------------------|------|-----------------|
| 1/2" X 3/8" (1/2" OD) | U272 | U272LF          |
| 3/4" X 5/8"           | U273 | —               |
| 3/4" X 1/2"           | U274 | U274LF          |
| 1" X 3/4"             | U278 | U278LF          |



### Dishwasher Elbows

| SIZE                     | P/N   | P/N (Lead Free) |
|--------------------------|-------|-----------------|
| 1/4" X 3/8" MNPT         | U276  | U276LF          |
| 1/4" (3/8" OD) X 3/4" GH | U2276 | U2276LF         |
| 1/2" X 3/8" MNPT         | U281  | U281LF          |



## Drop Ear Elbows

| SIZE                       | P/N  | P/N (Lead Free) |
|----------------------------|------|-----------------|
| 3/8" (1/2" OD) X 1/2" FNPT | U332 | U332LF          |
| 1/2"                       | U249 | U249LF          |
| 1/2" X 1/2" FNPT           | U334 | U334LF          |
| 3/4" X 3/4" FNPT           | U340 | U340LF          |



## Female Centre Slip Tees

Slip Run is only suitable for Copper and CPVC

| SIZE             | P/N   | P/N (Lead Free) |
|------------------|-------|-----------------|
| 1/2" FNPT (SLIP) | U3482 | U3482LF         |
| 3/4" FNPT        | U462  | U462LF          |
| 3/4" FNPT (SLIP) | U3486 | U3486LF         |
| 1" FNPT          | U464  | U464LF          |



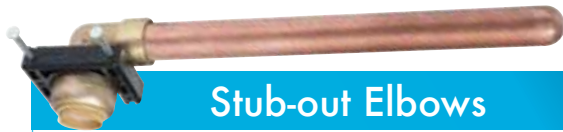
## Hy-Ear Elbows

| SIZE             | P/N  | P/N (Lead Free) |
|------------------|------|-----------------|
| 1/2" X 1/2" FNPT | U335 | U335LF          |



## End Stops

| SIZE           | P/N  | P/N (Lead Free) |
|----------------|------|-----------------|
| 3/8" (1/2" OD) | U512 | U512LF          |
| 1/2"           | U514 | U514LF          |
| 5/8"           | U516 | -               |
| 3/4"           | U518 | U518LF          |
| 1"             | U520 | U520LF          |



## Stub-out Elbows

The NEW SharkBite® STUB-OUT with pre-fitted Mounting Bracket options of 4 fixing positions to all wooden surfaces, studs, joists and subfloor, by simply rotating or repositioning the mounting bracket. Spun closed for pressure testing and like all SharkBite® connections suitable for use on Copper, PEX and CPVC piping systems.

| SIZE                   | P/N   | P/N (Lead Free) |
|------------------------|-------|-----------------|
| 1/2" Copper Tube 8" LG | U351A | U351LFA         |



## Threaded Adapters

| SIZE                 | P/N  | P/N (Lead Free) |
|----------------------|------|-----------------|
| 3/8" CTS X 3/4" FNPT | U766 | U766LF          |
| 1" CTS X 1" FNPT     | U772 | U772LF          |



## Tees

| SIZE           | P/N  | P/N (Lead Free) |
|----------------|------|-----------------|
| 1/4" (3/8" OD) | U358 | U358LF          |
| 3/8" (1/2" OD) | U360 | U360LF          |
| 1/2"           | U362 | U362LF          |
| 5/8"           | U366 | -               |
| 3/4"           | U370 | U370LF          |
| 1"             | U374 | U374LF          |



## Fitting Reducers

(Use to connect to smaller pipe sizes)

| SIZE                      | P/N  | P/N (Lead Free) |
|---------------------------|------|-----------------|
| 3/8" (1/2" OD) X 1/2" CTS | U719 | U719LF          |
| 3/8" (1/2" OD) X 3/4" CTS | U721 | U721LF          |
| 1/2" X 1" CTS             | U722 | U722LF          |
| 3/4" X 1" CTS             | U724 | U724LF          |



## Reducing Tees

| SIZE                                   | P/N  | P/N (Lead Free) |
|----------------------------------------|------|-----------------|
| 1/2" X 1/2" X 1/4" (3/8" OD)           | U359 | U359LF          |
| 1/2" X 1/2" X 3/8" (1/2" OD)           | U363 | U363LF          |
| 3/8" (1/2" OD) X 3/8" (1/2" OD) X 1/2" | U364 | U364LF          |
| 3/4" X 3/4" X 1/2"                     | U412 | U412LF          |
| 3/4" X 1/2" X 3/4"                     | U444 | U444LF          |
| 3/4" X 1/2" X 1/2"                     | U454 | U454LF          |
| 1" X 1" X 3/4"                         | U416 | U416LF          |

## 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.

| SIZE             | P/N   | P/N (Lead Free) |
|------------------|-------|-----------------|
| 1/2" Residential | 22630 | 22630LF         |
| 1/2" Commercial  | 22631 | 22631LF         |
| 3/4" Residential | 22632 | 22632LF         |
| 1" Commercial    | 22633 | 22633LF         |



## Slip Tees

Slip Run is only suitable for Copper or CPVC

| SIZE | P/N   | P/N (Lead Free) |
|------|-------|-----------------|
| 1/2" | U3362 | U3362LF         |
| 3/4" | U3370 | U3370LF         |

## Manifolds with SharkBite® Push-fit Branches

Manifolds are traditionally used in PEX systems, but this new SharkBite® manifold will allow easy incorporation into copper or CPVC systems. Use SharkBite® push fittings to install these manifolds anywhere in a plumbing system. All manifolds have a 1" trunk with 3/4" tube inlets & outlets and 1/2" push-fit ports (2" on center).

| SIZE          | P/N   | P/N (Lead Free) |
|---------------|-------|-----------------|
| 3 port open   | 22995 | 22995LF         |
| 3 port closed | 22996 | 22996LF         |
| 4 port open   | 22997 | 22997LF         |
| 4 port closed | 22998 | 22998LF         |

## Slip Fittings

Slip Run is only suitable for Copper or CPVC

Slip fittings simplify repair by doing the job that two couplings and extra pipe used to do. Only one end of the coupling has a stop, allowing the other end to slide freely over the end of a pipe. The fitting can be released with a disconnect tool and slid back onto the other end of the pipe for successful leak repair.



## Slip Couplings

Only suitable for Copper and CPVC

| SIZE | P/N   | P/N (Lead Free) |
|------|-------|-----------------|
| 1/2" | U3008 | U3008LF         |
| 3/4" | U3016 | U3016LF         |
| 1"   | U3020 | U3020LF         |



## Slip Tees

Slip Run is only suitable for Copper or CPVC

| SIZE | P/N   | P/N (Lead Free) |
|------|-------|-----------------|
| 1/2" | U3362 | U3362LF         |
| 3/4" | U3370 | U3370LF         |



## Service Slip Tee Adapters

Slip Run is only suitable for Copper or CPVC

| SIZE                   | P/N   | P/N (Lead Free) |
|------------------------|-------|-----------------|
| 1/2" X 1/2" X 1/2" CTS | U4482 | U4482LF         |



## Female Centre Slip Tees

Slip Run is only suitable for Copper and CPVC

| SIZE             | P/N   | P/N (Lead Free) |
|------------------|-------|-----------------|
| 1/2" FNPT (SLIP) | U3482 | U3482LF         |
| 3/4" FNPT        | U462  | U462LF          |
| 3/4" FNPT (SLIP) | U3486 | U3486LF         |
| 1" FNPT          | U464  | U464LF          |

## Flexible Connectors

The stainless steel braided flexible hose and the rotatability of the SharkBite® fitting allow making connections in tight spaces without additional fitting, soldering or glue. Available with integral ball valve. SharkBite® Flex Hoses for Installation in accessible locations - WATER ONLY.



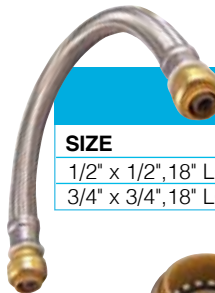
## Water Heater Connectors

| SIZE                 | P/N         | P/N (Lead Free) |
|----------------------|-------------|-----------------|
| 1/2" X 3/4" FIP, 12" | U3068FLEX12 | U3068FLEX12LF   |
| 1/2" X 3/4" FIP, 15" | U3068FLEX15 | U3068FLEX15LF   |
| 1/2" X 3/4" FIP, 18" | U3068FLEX18 | U3068FLEX18LF   |
| 1/2" X 3/4" FIP, 24" | U3068FLEX24 | U3068FLEX24LF   |
| 3/4" X 3/4" FIP, 12" | U3088FLEX12 | U3088FLEX12LF   |
| 3/4" X 3/4" FIP, 15" | U3088FLEX15 | U3088FLEX15LF   |
| 3/4" X 3/4" FIP, 18" | U3088FLEX18 | U3088FLEX18LF   |
| 3/4" X 3/4" FIP, 24" | U3088FLEX24 | U3088FLEX24LF   |



## Water Heater Connectors with Ball Valves

| SIZE                    | P/N           | P/N (Lead Free) |
|-------------------------|---------------|-----------------|
| 1/2" BV X 3/4" FIP, 18" | U3068FLEX18BV | U3068FLEX18BVLf |
| 3/4" BV X 3/4" FIP, 18" | U3088FLEX18BV | U3088FLEX18BVLf |



## Coupling Hoses

| SIZE                | P/N         | P/N (Lead Free) |
|---------------------|-------------|-----------------|
| 1/2" x 1/2", 18" LG | U3008FLEX18 | U3008FLEX18LF   |
| 3/4" x 3/4", 18" LG | U3016FLEX18 | U3016FLEX18LF   |



## Water Heater Installation Kits

Kits include 2 SharkBite® connector fittings and a disconnect clip.

| SIZE             | P/N   | P/N (Lead Free) |
|------------------|-------|-----------------|
| 1/2" X 3/4" FNPT | 22604 | 22604LF         |
| 3/4" X 3/4" FNPT | 22441 | 22441LF         |

## Contractor Kits

These SharkBite® Kits include a variety of push-fit fittings, disconnect tongs and clips, and a sturdy case for storage and transport. SharkBite® Connection System is a revolutionary solution for connecting or repairing water distribution pipe.



## Contractor Kits

**Includes 2 each:** U008, U016, U058, U072, U088, U120, U134, U248 and U256. **1 each:** U362, U370, U514, U518, U710, U711, U713 and U702

| SIZE                     | P/N   | P/N (Lead Free)     |
|--------------------------|-------|---------------------|
| -                        | 22486 | 22486LF             |
| Contractor Kit Case Only | U3001 | Lead free compliant |



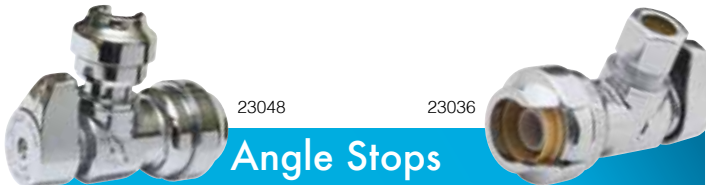
## Irrigation Kits

**Includes 2 each:** U016, U020, U134, U140, U256 and U260. **1 each:** U088, U094, U370, U374, U518, U520, U702, U712, U713, U714, U715, U766, U772 and U3016.

| SIZE | P/N   | P/N (Lead Free) |
|------|-------|-----------------|
| -    | 22795 | -               |

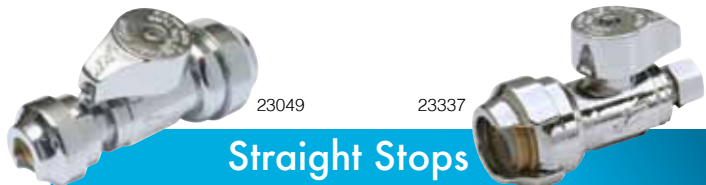
## Stop & Fixture Supply Fittings

Connecting supply lines to fixtures and appliances using these new SharkBite® products brings the speed and convenience of push-fit connections to the final phase of your plumbing jobs. Regular and chrome plated fittings are now available, including the newest 1/2" X 1/4" (3/8" OD) SharkBite® stop valves. Stops in 1/2" X 3/8" or 1/4" compression sizes are also available. With these new SharkBite® push-fittings, stop valves and the 5' lengths or 50' coils of 1/4" (3/8" OD) PEX tubing it's easy to make risers the exact length needed for connecting fixtures and appliances. No more problems with flexible lines that are too long or too short. Cut. Push. Done. It's easy with SharkBite®.



### Angle Stops

| SIZE                  | P/N                   | P/N (Lead Free)     |
|-----------------------|-----------------------|---------------------|
| 1/2" X 1/4" (3/8" OD) | 23048-0000            | 23048-0000LF        |
| 1/2" X 3/8" comp      | 23036-0000            | 23036-0000LF        |
| 1/2" X 1/4" comp      | 23336-0000            | 23336-0000LF        |
| 1/2" X 1/2" comp      | <b>NEW</b> 23489-0000 | Lead free compliant |



### Straight Stops

| SIZE                  | P/N                   | P/N (Lead Free)     |
|-----------------------|-----------------------|---------------------|
| 1/2" X 1/4" (3/8" OD) | 23049-0000            | 23049-0000LF        |
| 1/2" X 3/8" comp      | 23037-0000            | 23037-0000LF        |
| 1/2" X 1/4" comp      | 23337-0000            | 23337-0000LF        |
| 1/2" X 1/2" comp      | <b>NEW</b> 23490-0000 | Lead free compliant |



### Stop Valve Connectors

| SIZE                                  | P/N   | P/N (Lead Free) |
|---------------------------------------|-------|-----------------|
| 1/4" (3/8" OD) X 3/8" compression nut | U3523 | U3523LF         |

Converts 3/8" compression stop to SharkBite®



### Stop Valve Tee Adapters

| SIZE                                                 | P/N   | P/N (Lead Free) |
|------------------------------------------------------|-------|-----------------|
| 1/4" (3/8"OD) X 1/4" (3/8"OD) X 3/8" compression nut | U3358 | U3358LF         |
| 1/4" (3/8"OD) X 1/4" (3/8" OD) X 1/4" (3/8"OD) tube  | U4358 | U4358LF         |



### Service Slip Tee Adapters

Slip Run is only suitable for Copper or CPVC

| SIZE                   | P/N   | P/N (Lead Free) |
|------------------------|-------|-----------------|
| 1/2" X 1/2" X 1/2" CTS | U4482 | U4482LF         |



### Dual Tee Stop Valve Adaptors

Insert onto Stub-Out then fit any of the 8 SharkBite® Stop Valves to create any combination desired.

| SIZE                       | P/N  | P/N (Lead Free)                |
|----------------------------|------|--------------------------------|
| 1/2" CTS X 1/2" CTS X 1/2" | U782 | <b>NEW</b> Lead free compliant |



### Faucet & Toilet Kits

Faucet kits contain 2 connectors, 2 coils of PEX and 2 stops. Toilet kits contain a connector, a straight or angle stop and one 5' coil of 1/4" (3/8" OD) PEX tubing.

| SIZE                   | P/N   | P/N (Lead Free)     |
|------------------------|-------|---------------------|
| Faucet w/Angle Stop    | 23387 | Lead free compliant |
| Faucet w/Straight Stop | 23388 | Lead free compliant |
| Toilet w/Angle Stop    | 23389 | Lead free compliant |
| Toilet w/Straight Stop | 23390 | Lead free compliant |



### Faucet Connectors

| SIZE                               | P/N   | P/N (Lead Free) |
|------------------------------------|-------|-----------------|
| 1/4" (3/8" OD) X 1/2" Faucet Valve | U3525 | U3525LF         |



### Toilet Connectors

| SIZE                                    | P/N   | P/N (Lead Free) |
|-----------------------------------------|-------|-----------------|
| 1/4" (3/8" OD) X Toilet Valve, Straight | U3531 | U3531LF         |
| 1/4" (3/8" OD) X Toilet Valve, Elbow    | U3537 | U3537LF         |



### Safe Seal Tools

Deburring and depth gauge all in one. For 1/4", 3/8", 1/2", 5/8", 3/4" & 1" copper and CPVC pipe.

| SIZE | P/N  | P/N (Lead Free)     |
|------|------|---------------------|
| -    | U702 | Lead free compliant |



## Disconnect Clips

| SIZE | P/N   | P/N (Lead Free)     |
|------|-------|---------------------|
| 1/4" | U706  | Lead free compliant |
| 3/8" | U708  | Lead free compliant |
| 1/2" | U710  | Lead free compliant |
| 5/8" | U3712 | Lead free compliant |
| 3/4" | U712  | Lead free compliant |
| 1"   | U714  | Lead free compliant |



## SharkBite® x SharkBite® with Drain/Vent

| SIZE            | P/N        | P/N (Lead Free) |
|-----------------|------------|-----------------|
| 1/2" with drain | 22304-0000 | -               |
| 3/4" with drain | 22305-0000 | -               |
| 1" with drain   | 22306-0000 | -               |

## SharkBite® Gauges

Use to measure or monitor water conditions in water distribution systems. Use for quick push-fit installation as a temporary (reusable) or permanent device in copper, CTS CPVC and PEX plumbing systems.



## Pressure Gauges

| SIZE           | P/N   | P/N (Lead Free) |
|----------------|-------|-----------------|
| with 1/2" Tee  | 22770 | -               |
| with 3/4" Tee  | 22772 | -               |
| with 1" Tee    | 22774 | -               |
| 1/2" Tube Size | 22883 | -               |
| 3/4" Tube Size | 22885 | -               |

## Ball and Check Valves

Full port ball valve now comes with integral SharkBite® connectors for easy installation. The body is composed of highly forged brass and features a single lever control. Use for entire systems, sections or components.



## Check Valves

Cash Acme valves with integral or union type SharkBite® push-fit connectors offer a tremendous time and labor saving combination for any plumbing application.

| SIZE | P/N         | P/N (Lead Free) |
|------|-------------|-----------------|
| 1/2" | U2008-0000A | U2008-0000LFA   |
| 3/4" | U2016-0000A | U2016-0000LFA   |
| 1"   | U2020-0000A | U2020-0000LFA   |



## Temperature Gauges

| SIZE           | P/N   | P/N (Lead Free) |
|----------------|-------|-----------------|
| with 1/2" Tee  | 22771 | -               |
| with 3/4" Tee  | 22773 | -               |
| with 1" Tee    | 22775 | -               |
| 1/2" Tube Size | 22884 | -               |
| 3/4" Tube Size | 22886 | -               |

## Regulators

The innovative, labor reducing SoloSet® EB-25, the EB-35, and the EB-45 pressure reducing regulators are available with double union or direct SharkBite® connectors. The EB-25 is set at 45 psi and features a twist cap with a numerical pressure indicator for easy one-man adjustment. The EB-35 is factory set at 45 psi with an adjustment range of 20-90 psi depending on valve size. The EB-45 is factory set at 45 or 60 psi and is adjustable to 10-70 psi.



## With SharkBite® Double Unions & 45 psi Set Pressure

| SIZE       | P/N        | P/N (Lead Free) |
|------------|------------|-----------------|
| EB-25 3/4" | 22857-0045 | -               |
| EB-25 1"   | 22927-0045 | -               |
| EB-35 1/2" | 22858-0045 | -               |
| EB-35 3/4" | 22859-0045 | -               |
| EB-35 1"   | 22928-0045 | -               |
| EB-45 1/2" | 22860-0045 | -               |
| EB-45 3/4" | 22861-0045 | 23252-0045      |
| EB-45 1"   | 22929-0045 | 23358-0045      |



## SharkBite® x SharkBite®

| SIZE | P/N        | P/N (Lead Free) |
|------|------------|-----------------|
| 1/2" | 22222-0000 | 22222-0000LF    |
| 3/4" | 22185-0000 | 22185-0000LF    |
| 1"   | 22223-0000 | 22223-0000LF    |



## SharkBite® x FNPT

| SIZE             | P/N        | P/N (Lead Free) |
|------------------|------------|-----------------|
| 1/2" X 1/2" FNPT | 22182-0000 | 22182-0000LF    |
| 3/4" X 3/4" FNPT | 22186-0000 | 22186-0000LF    |
| 1" X 1" FNPT     | 22187-0000 | 22187-0000LF    |



## With SharkBite® Direct Connectors

| SIZE       | P/N        | P/N (Lead Free) |
|------------|------------|-----------------|
| EB-35 1/2" | 22670-0045 | -               |
| EB-35 3/4" | 22671-0045 | -               |
| EB-35 1"   | 22672-0045 | -               |
| EB-45 1/2" | 22673-0045 | -               |
| EB-45 3/4" | 22674-0045 | 23394-0045      |
| EB-45 1"   | 22675-0045 | 23398-0045      |



## With SharkBite® Double Unions & 60 psi Set Pressure

| SIZE       | P/N        | P/N (Lead Free) |
|------------|------------|-----------------|
| EB-45 3/4" | 22950-0060 | 23395-0060      |
| EB-45 1"   | 22951-0060 | 23399-0060      |



## EB-45 Temporary Bypass Kits

Allows for connection to the water supply before pressure regulator installation. A time saving way to flush out all debris and particles from the plumbing system.

| SIZE       | P/N   | P/N (Lead Free) |
|------------|-------|-----------------|
| EB-45 3/4" | 22934 | -               |

## SharkBite® Thermostatic Valves

Direct or double union SharkBite® push-fit connectors provide a simplified, time and labor saving installation. Heatguard® valves deliver water at a safe 120°F (49°C) or lower from all outlets, while allowing the thermostat to be set at a germ-killing 140°F (60°C) or higher which aids in preventing the growth of legionella bacteria in the water heater. The higher tank temperature means hot water demands can be satisfied longer. Every valve is tested for performance and includes a unique adjuster tool that minimizes tampering with the valve setting. Rugged, simple construction incorporates a precision engineered polymer piston and the latest in thermostatic technology.



## Thermostatic Valves with SharkBite® Unions

| SIZE         | P/N        | P/N (Lead Free) |
|--------------|------------|-----------------|
| HG-110D 1/2" | 24104-0000 | 24353-0000      |
| HG-110D 3/4" | 24105-0000 | 24358-0000      |
| HG-115H 3/4" | 24326-0000 | -               |
| HG-115D 3/4" | 24328-0000 | -               |
| HG-160 1/2"  | 24343-0000 | -               |
| HG-160 3/4"  | 24345-0000 | -               |



## With SharkBite® Unions and Check Valves

| SIZE                     | P/N        | P/N (Lead Free) |
|--------------------------|------------|-----------------|
| HG-110D 1/2" with checks | 24341-0000 | 24354-0000      |
| HG-110D 3/4" with checks | 24342-0000 | 24359-0000      |
| HG-115H 3/4" with checks | 24327-0000 | -               |
| HG-115D 3/4" with checks | 24329-0000 | -               |
| HG-160 1/2" with checks  | 24344-0000 | -               |
| HG-160 3/4" with checks  | 24346-0000 | -               |



## Integral Connectors for Thermostatic Valves

Includes 3 CTS tailpieces. Use with SharkBite® push-fit fittings to easily connect a Heatguard valve to 1/2" and 3/4" pipe. Heatguard 110-D with gaskets purchased separately.

| SIZE | P/N        | P/N (Lead Free) |
|------|------------|-----------------|
| 1/2" | 24311-0000 | -               |
| 3/4" | 24312-0000 | -               |

## SharkBite® PEX Tubing

SharkBite® PEX tubing is a cross-linked polyethylene tubing for a wide range of residential and commercial plumbing applications. Manufactured without an oxygen barrier for potable water systems and with an oxygen barrier for radiant floor and hydronic heating applications. The oxygen diffusion barrier applied to the exterior limits oxygen permeation through the tubing wall in hydronic heating applications which prevents corrosion of ferrous metal parts in the heating system. A repeating SharkBite® imprint pattern provides a visual aid to determine if the tube has been inserted all the way into the SharkBite® Push-Fit Fitting. This feature only works if the tubing is cut between the SharkBite® imprint pattern.



**Approvals: The SharkBite® tubing with and without oxygen barrier is approved for use in all model codes in the US and Canada for use in hydronic and potable water systems and is certified to the following standards: ASTM F876, ASTM F877, CSA B137.5 and AWWA C904.**

## Standard PEX to ASTM F876, F877 – Straight Lengths and Coils

Use for potable water distribution and other water systems. Available in straight lengths and coils in pipe sizes ranging from 1/4" through 1".

### DIAMETER 1/4" (3/8" OD) PEX Gray Color

| LENGTH      | BLACK TEXT |
|-------------|------------|
| 5' straight | U850G5     |
| 50' coil    | U850G50    |

### DIAMETER 3/8" (1/2"OD) PEX Blue, Red or White

| LENGTH       | BLUE     | RED      | WHITE    |
|--------------|----------|----------|----------|
| 5' straight  | -        | -        | U855W5   |
| 10' straight | -        | -        | U855W10  |
| 50' coil     | -        | -        | U855W50  |
| 100' coil    | U855B100 | U855R100 | U855W100 |

### DIAMETER 1/2" PEX Blue, Red or White

| LENGTH       | BLUE     | RED      | WHITE    |
|--------------|----------|----------|----------|
| 5' straight  | U860B5   | U860R5   | U860W5   |
| 10' straight | U860B10  | U860R10  | U860W10  |
| 20' straight | U860B20  | U860R20  | U860W20  |
| 25' coil     | U860B25  | U860R25  | U860W25  |
| 50' coil     | U860B50  | U860R50  | U860W50  |
| 100' coil    | U860B100 | U860R100 | U860W100 |
| 300' coil    | U860B300 | U860R300 | U860W300 |
| 500' coil    | U860B500 | U860R500 | U860W500 |

### DIAMETER 3/4" PEX Blue, Red or White

| LENGTH       | BLUE     | RED      | WHITE    |
|--------------|----------|----------|----------|
| 5' straight  | U870B5   | U870R5   | U870W5   |
| 10' straight | U870B10  | U870R10  | U870W10  |
| 20' straight | U870B20  | U870R20  | U870W20  |
| 25' coil     | U870B25  | U870R25  | U870W25  |
| 50' coil     | U870B50  | U870R50  | U870W50  |
| 100' coil    | U870B100 | U870R100 | U870W100 |
| 300' coil    | U870B300 | U870R300 | U870W300 |
| 500' coil    | U870B500 | U870R500 | U870W500 |

### DIAMETER 1" PEX Blue, Red or White

| LENGTH       | BLUE     | RED      | WHITE    |
|--------------|----------|----------|----------|
| 5' straight  | U880B5   | U880R5   | U880W5   |
| 10' straight | U880B10  | U880R10  | U880W10  |
| 20' straight | U880B20  | U880R20  | U880W20  |
| 100' coil    | U880B100 | U880R100 | U880W100 |
| 300' coil    | U880B300 | U880R300 | U880W300 |
| 500' coil    | U880B500 | U880R500 | U880W500 |

## SharkBite® Insulated PEX Tubing

For use in potable water distribution systems. Available in 100 foot coils ranging in size from 3/8" through 1" with closed cell 3/4" thick polyolefin insulation.

| LENGTH    | SIZE | BLACK TEXT |
|-----------|------|------------|
| 100' coil | 3/8" | U855I100   |
| 100' coil | 1/2" | U860I100   |
| 100' coil | 3/4" | U870I100   |
| 100' coil | 1"   | U880I100   |

## SharkBite® Oxygen Barrier PEX Tubing

Use for radiant floor and hydronic heating applications. The oxygen diffusion barrier is applied to the exterior and limits oxygen permeation through the tubing wall in hydronic heating applications. This prevents corrosion of ferrous metal parts in the heating system.

### DIAMETER 3/8" (1/2" OD) PEX Oxygen Barrier

| LENGTH    | BLACK TEXT |
|-----------|------------|
| 100' coil | U855O100   |
| 300' coil | U855O300   |
| 500' coil | U855O500   |

### DIAMETER 1/2" PEX Oxygen Barrier

| LENGTH       | BLACK TEXT |
|--------------|------------|
| 20' straight | U860O20    |
| 100' coil    | U860O100   |
| 300' coil    | U860O300   |
| 500' coil    | U860O500   |
| 1000' coil   | U860O1000  |

### DIAMETER 5/8" PEX Oxygen Barrier

| LENGTH    | BLACK TEXT |
|-----------|------------|
| 300' coil | U865O300   |

### DIAMETER 3/4" PEX Oxygen Barrier

| LENGTH       | BLACK TEXT |
|--------------|------------|
| 20' straight | U870O20    |
| 100' coil    | U870O100   |
| 300' coil    | U870O300   |
| 500' coil    | U870O500   |
| 1000' coil   | U870O1000  |

### DIAMETER 1" PEX Oxygen Barrier

| LENGTH       | BLACK TEXT |
|--------------|------------|
| 20' straight | U880O20    |
| 100' coil    | U880O100   |
| 300' coil    | U880O300   |
| 500' coil    | U880O500   |

## SharkBite® Reclaimed Water PEX Tubing

For use with gray water, rainwater harvesting and reclaimed water systems only. Available in 100 and 300 foot purple coils ranging in size from 1/2" through 1".

| LENGTH    | SIZE | PURPLE   |
|-----------|------|----------|
| 100' coil | 1/2" | U860P100 |
| 300' coil | 1/2" | U860P300 |
| 100' coil | 3/4" | U870P100 |
| 300' coil | 3/4" | U870P300 |
| 100' coil | 1"   | U880P100 |
| 300' coil | 1"   | U880P300 |

## SharkBite® Fittings/Tube Size Compatibility

| Nominal Size of Fitting | Nominal Size of Tubing | Tubing OD Size | Tubing ID Size |
|-------------------------|------------------------|----------------|----------------|
| 1/4"                    | 1/4" CTS               | 3/8"           | 0.305"         |
| 3/8"                    | 3/8" CTS               | 1/2"           | 0.350"         |
| 1/2"                    | 1/2" CTS               | 5/8"           | 0.475"         |
| 5/8"                    | 5/8" CTS               | 3/4"           | 0.652"         |
| 3/4"                    | 3/4" CTS               | 7/8"           | 0.671"         |
| 1"                      | 1" CTS                 | 1"             | 0.885"         |
| 1/4" compression        | 1/4" ACR               | 1/4"           | 0.190"         |
| 3/8" compression        | 3/8" ACR               | 3/8"           | 0.311"         |

## SharkBite® PEX/Barb Products

The PEX/Barb Connection System includes fittings, manifolds, valves, clamp rings, crimp rings and tools. Plus SharkBite® PEX tubing in sizes and lengths for any job. All PEX/Barb Brass Fittings including LEAD FREE are made from DZR Brass.



### Couplings

| SIZE          | P/N     | P/N (Lead Free) |
|---------------|---------|-----------------|
| 3/8"          | UC006   | UC006LF         |
| 1/2"          | UC008   | UC008LF         |
| 1/2" (5 Pack) | UC008A5 | UC008LFA5       |
| 5/8"          | UC012   | UC012LF^        |
| 3/4"          | UC016   | UC016LF         |
| 3/4" (5 Pack) | UC016A5 | UC016LFA5       |
| 1"            | UC020   | UC020LF         |



### Reducing Couplings

| SIZE        | P/N   | P/N (Lead Free) |
|-------------|-------|-----------------|
| 3/8" X 1/2" | UC009 | UC009LF         |
| 1/2" X 3/4" | UC058 | UC058LF         |
| 3/4" X 5/8" | UC057 | UC057LF^        |
| 3/4" X 1"   | UC060 | UC060LF         |



### Threaded Adapters

| SIZE             | P/N   | P/N (Lead Free) |
|------------------|-------|-----------------|
| 3/8" X 1/2" MNPT | UC118 | UC118LF         |
| 1/2" X 3/4" FNPT | UC068 | UC068LF         |
| 1/2" X 1/2" FNPT | UC072 | UC072LF         |
| 1/2" X 1/2" MNPT | UC120 | UC120LF         |
| 1/2" X 3/4" MNPT | UC116 | UC116LF         |
| 5/8" X 3/4" MNPT | UC126 | UC126LF^        |
| 3/4" X 3/4" FNPT | UC088 | UC088LF         |
| 3/4" X 3/4" MNPT | UC134 | UC134LF         |
| 3/4" X 1/2" MNPT | UC138 | UC138LF         |
| 3/4" X 1" MNPT   | UC139 | UC139LF         |
| 1" X 1" FNPT     | UC094 | UC094LF         |
| 1" X 1" MNPT     | UC140 | UC140LF         |
| 1" X 3/4" MNPT   | UC142 | UC142LF         |



## Sweat Adapters

| SIZE                      | P/N     | P/N (Lead Free) |
|---------------------------|---------|-----------------|
| 3/8" X 1/2" Male          | UC593   | –               |
| 1/2" X 1/2" Female        | UC600   | UC600LF         |
| 1/2" X 1/2" Male          | UC607   | UC607LF         |
| 1/2" X 1/2" Male (5 Pack) | UC607A5 | UC607LFA5       |
| 3/4" X 3/4" Female        | UC606   | UC606LF         |
| 3/4" X 3/4" Male          | UC608   | UC608LF         |
| 1" X 1" Female            | UC605   | UC605LF         |
| 1" X 1" Male              | UC609   | –               |



## Polybutylene Adapters (with PB Crimp Rings)

| SIZE           | P/N    | P/N (Lead Free) |
|----------------|--------|-----------------|
| 3/8" X 3/8" PB | UC4006 | UC4006LF        |
| 1/2" X 1/2" PB | UC4008 | UC4008LF        |
| 3/4" X 3/4" PB | UC4016 | UC4016LF        |



## Tees

| SIZE          | P/N     | P/N (Lead Free)      |
|---------------|---------|----------------------|
| 3/8"          | UC360   | UC360LF              |
| 1/2"          | UC362   | UC362LF              |
| 1/2" (5 Pack) | UC362A5 | UC362LFA5            |
| 5/8"          | UC366   | UC366LF <sup>^</sup> |
| 3/4"          | UC370   | UC370LF              |
| 3/4" (5 Pack) | UC370A5 | UC370LFA5            |
| 1"            | UC374   | UC374LF              |



## Bullnose Tees

| SIZE               | P/N   | P/N (Lead Free) |
|--------------------|-------|-----------------|
| 1/2" X 1/2" X 3/4" | UC408 | UC408LF         |
| 3/4" X 3/4" X 1"   | UC413 | UC413LF         |



## Reducing Tees

| SIZE               | P/N   | P/N (Lead Free) |
|--------------------|-------|-----------------|
| 3/8" X 3/8" X 1/2" | UC364 | UC364LF         |
| 1/2" X 1/2" X 3/8" | UC363 | UC363LF         |
| 1/2" X 3/8" X 1/2" | UC434 | –               |
| 1/2" X 3/8" X 3/8" | UC452 | UC452LF         |
| 3/4" X 3/4" X 1/2" | UC412 | UC412LF         |
| 3/4" X 3/4" X 3/8" | UC417 | –               |
| 3/4" X 1/2" X 3/4" | UC444 | UC444LF         |
| 3/4" X 1/2" X 1/2" | UC454 | UC454LF         |
| 1" X 3/4" X 3/4"   | UC414 | UC414LF         |
| 1" X 1" X 1/2"     | UC415 | UC415LF         |
| 1" X 1" X 3/4"     | UC416 | UC416LF         |
| 1" X 3/4" X 1"     | UC418 | –               |



## Elbows

| SIZE             | P/N     | P/N (Lead Free)      |
|------------------|---------|----------------------|
| 3/8"             | UC246   | UC246LF              |
| 1/2"             | UC248   | UC248LF              |
| 1/2" (5 Pack)    | UC248A5 | UC248LFA5            |
| 1/2" X 1/2" MNPT | UC280   | UC280LF              |
| 5/8"             | UC252   | UC252LF <sup>^</sup> |
| 3/4"             | UC256   | UC256LF              |
| 3/4" (5 Pack)    | UC256A5 | UC256LFA5            |
| 1"               | UC260   | UC260LF              |



## Reducing Elbows

| SIZE        | P/N   | P/N (Lead Free)      |
|-------------|-------|----------------------|
| 1/2" X 3/8" | UC272 | UC272LF              |
| 3/4" X 1/2" | UC274 | UC274LF              |
| 3/4" X 5/8" | UC273 | UC273LF <sup>^</sup> |



## Drop Ear Elbows

| SIZE             | P/N   | P/N (Lead Free) |
|------------------|-------|-----------------|
| 1/2" X 1/2" FNPT | UC334 | UC334LF         |
| 3/4" X 3/4" FNPT | UC340 | UC340LF         |
| 3/4" X 3/4" FNPT | UC342 | UC342LF         |



## Adapter Elbows

| SIZE                | P/N   | P/N (Lead Free) |
|---------------------|-------|-----------------|
| 1/2" X 3/4" MNPT    | UC278 | –               |
| 3/4" X 3/4" MNPT    | UC286 | –               |
| 3/4" X 3/4" F sweat | UC626 | UC626LF         |
| 3/4" X 3/4" M sweat | UC628 | UC628LF         |



## Swivel Adapters

| SIZE             | P/N   | P/N (Lead Free) |
|------------------|-------|-----------------|
| 3/8" X 3/8" FNPT | UC527 | UC527LF         |
| 1/2" X 1/2" FNPT | UC526 | UC526LF         |
| 1/2" X 1/2" FNPT | UC534 | UC534LF         |
| 3/4" X 3/4" FNPT | UC530 | UC530LF         |
| 3/4" X 1" FNPT   | UC529 | UC529LF         |
| 1" X 1" FNPT     | UC594 | UC594LF         |



## Swivel Elbows

| SIZE             | P/N   | P/N (Lead Free) |
|------------------|-------|-----------------|
| 3/8" X 1/2" FNPT | UC531 | UC531LF         |
| 1/2" X 1/2" FNPT | UC532 | UC532LF         |



## Swivel Toilet Connectors

| SIZE                 | P/N   | P/N (Lead Free) |
|----------------------|-------|-----------------|
| 1/2" X 7/8" straight | UC528 | UC528LF         |
| 3/8" X 7/8" elbow    | 23068 | –               |
| 1/2" X 7/8" elbow    | 23067 | –               |



## Plugs

| SIZE          | P/N     | P/N (Lead Free)      |
|---------------|---------|----------------------|
| 3/8"          | UC512   | UC512LF              |
| 1/2"          | UC514   | UC514LF              |
| 1/2" (5 Pack) | UC514A5 | UC514LFA5            |
| 5/8"          | UC516   | UC516LF <sup>^</sup> |
| 3/4"          | UC518   | UC518LF              |
| 3/4" (5 Pack) | UC518A5 | UC518LFA5            |
| 1"            | UC520   | UC520LF              |



## Ball Valves with PEX/Barb Ends

| SIZE | P/N   | P/N (Lead Free) |
|------|-------|-----------------|
| 1/2" | 22461 | 22461LF         |
| 3/4" | 22462 | 22462LF         |
| 1"   | 22463 | 22463LF         |



## Regulators with PEX/Barb Ends

| SIZE           | P/N        | P/N (Lead Free) |
|----------------|------------|-----------------|
| EB-25 3/4"     | 22865-0045 | —               |
| EB-25-400 3/4" | 22866-0045 | —               |
| EB-25 1"       | 22867-0045 | 23140-0045      |
| EB-25-400 1"   | 22868-0045 | —               |
| EB-35 3/4"     | 22364-0045 | —               |
| EB-35 1"       | 22365-0045 | —               |
| EB-45 3/4"     | 22798-0045 | —               |
| EB-45 1"       | 22799-0045 | —               |



## TMV with Barb and Check Valves

| SIZE                           | P/N        | P/N (Lead Free) |
|--------------------------------|------------|-----------------|
| HG-110-D 1/2" barb with checks | 23573-0000 | —               |
| HG-110-D 3/4" barb with checks | 23574-0000 | —               |

## PEX Chrome Plated Stops

The SharkBite® system now includes chrome plated stops for connecting fixture supply lines to PEX tubing. These stops combine PEX/Barb connectors and common supply line connectors into a single fitting.



## Straight Stops

| SIZE             | P/N   | P/N (Lead Free) |
|------------------|-------|-----------------|
| 1/2" X 3/8" comp | 23059 | —               |
| 1/2" X 1/2" MPT  | 23061 | 23061LF         |
| 1/2" X 3/8"      | 23062 | 23062LF         |
| 1/2"             | 23063 | 23063LF         |



## 1/4 Turn Angle Stops

| SIZE             | P/N   | P/N (Lead Free) |
|------------------|-------|-----------------|
| 1/2" X 1/4" comp | 23056 | —               |
| 1/2" X 3/8" comp | 23058 | 23058LF         |



## 1/4 Turn Tee Stops

| SIZE                         | P/N   | P/N (Lead Free) |
|------------------------------|-------|-----------------|
| 1/2" X 3/8" comp X 3/8" comp | 23066 | —               |



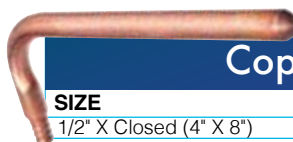
## Angle Stops

| SIZE             | P/N   | P/N (Lead Free) |
|------------------|-------|-----------------|
| 1/2" X 3/8" comp | 23060 | —               |
| 1/2" X 3/8" MHT  | 23064 | 23064LF         |



## 1/4 Turn Straight Stops

| SIZE             | P/N   | P/N (Lead Free) |
|------------------|-------|-----------------|
| 3/8"             | 23382 | 23382LF         |
| 1/2" X 3/8" comp | 23057 | 23057LF         |



## Copper Stubout Elbows

| SIZE                    | P/N   | P/N (Lead Free)     |
|-------------------------|-------|---------------------|
| 1/2" X Closed (4" X 8") | 22791 | Lead free compliant |
| 3/8" X 1/2" (4" X 4")   | 23069 | Lead free compliant |
| 1/2" X 1/2" (4" X 4")   | 23070 | Lead free compliant |



## Copper Manifolds with Barb Branches

1" Trunk with 3/4" barb inlets & outlets and 1/2" barb ports (2" on center)

| SIZE          | P/N   | P/N (Lead Free)     |
|---------------|-------|---------------------|
| 3 port closed | 22783 | Lead free compliant |
| 3 port open   | 22784 | Lead free compliant |
| 4 port closed | 22785 | Lead free compliant |
| 4 port open   | 22786 | Lead free compliant |
| 6 port closed | 22787 | Lead free compliant |
| 6 port open   | 22788 | Lead free compliant |
| 8 port closed | 22789 | Lead free compliant |
| 8 port open   | 22790 | Lead free compliant |



## Barb Manifolds with Ball Valves

| SIZE                           | P/N     | P/N (Lead Free) |
|--------------------------------|---------|-----------------|
| 8 port with Brass Ball Valves  | RM22708 | —               |
| 12 port with Brass Ball Valves | RM22712 | —               |
| 16 port with Brass Ball Valves | RM22716 | —               |
| 20 port with Brass Ball Valves | RM22720 | —               |
| 24 port with Brass Ball Valves | RM22724 | —               |
| 28 port with Brass Ball Valves | RM22728 | —               |
| 32 port with Brass Ball Valves | RM22732 | —               |
| 36 port with Brass Ball Valves | RM22736 | —               |



## Polymer Bend Support for PEX pipes

| SIZE              | P/N   | P/N (Lead Free)     |
|-------------------|-------|---------------------|
| 1/2" with bracket | 23050 | Lead free compliant |
| 3/4"              | 23051 | Lead free compliant |



## Metal Support for PEX pipes

| SIZE | P/N   | P/N (Lead Free)     |
|------|-------|---------------------|
| 1/2" | 23053 | Lead free compliant |
| 3/4" | 23054 | Lead free compliant |



## Polymer Pipe Insulators for PEX

| SIZE     | P/N      | P/N (Lead Free)     |
|----------|----------|---------------------|
| 1/2" CTS | 23074A10 | Lead free compliant |
| 3/4" CTS | 23075A10 | Lead free compliant |
| 1" CTS   | 23076A10 | Lead free compliant |



## Polymer Insulated Suspension Clamps for PEX

Use for potable water distribution and other water systems. Available in straight lengths and coils in pipe sizes ranging from 1/4" through 1".

| SIZE     | P/N      | P/N (Lead Free)     |
|----------|----------|---------------------|
| 1/2" CTS | 23071A10 | Lead free compliant |
| 3/4" CTS | 23072A10 | Lead free compliant |
| 1" CTS   | 23073A10 | Lead free compliant |



## J Hooks

| SIZE                    | P/N    | P/N (Lead Free)     |
|-------------------------|--------|---------------------|
| 3/8"                    | 23065  | Lead free compliant |
| 1/2"                    | 23220  | Lead free compliant |
| 1/2" with concrete nail | 24347A | Lead free compliant |
| 3/4"                    | 23221  | Lead free compliant |
| 3/4" with concrete nail | 24348A | Lead free compliant |



## Crimp Rings

| SIZE          | P/N        | P/N (Lead Free)     |
|---------------|------------|---------------------|
| 3/8" 100 Pack | 23101CP100 | Lead free compliant |
| 1/2" 25 Pack  | 23102CP25  | Lead free compliant |
| 1/2" 100 Pack | 23102CP100 | Lead free compliant |
| 3/4" 25 Pack  | 23103CP25  | Lead free compliant |
| 3/4" 100 Pack | 23103CP100 | Lead free compliant |
| 1" 25 Pack    | 23104CP25  | Lead free compliant |

## Polymer Alloy Fittings

Advanced Polymer solution for when corrosion may affect DZR Brass product.



## Straight Couplings

| SIZE | P/N   | P/N (Lead Free)     |
|------|-------|---------------------|
| 1/2" | UP008 | Lead free compliant |
| 3/4" | UP016 | Lead free compliant |



## Reducing Couplings

| SIZE        | P/N   | P/N (Lead Free)     |
|-------------|-------|---------------------|
| 3/4" X 1/2" | UP058 | Lead free compliant |



## Straight Connectors

| SIZE             | P/N   | P/N (Lead Free)     |
|------------------|-------|---------------------|
| 1/2" X 1/2" MNPT | UP120 | Lead free compliant |



## Reducing Connectors

| SIZE             | P/N   | P/N (Lead Free)     |
|------------------|-------|---------------------|
| 3/4" X 1/2" MNPT | UP138 | Lead free compliant |



## Tees

| SIZE               | P/N   | P/N (Lead Free)     |
|--------------------|-------|---------------------|
| 3/8"               | UP360 | Lead free compliant |
| 1/2"               | UP362 | Lead free compliant |
| 3/4"               | UP370 | Lead free compliant |
| 1/2" X 1/2" X 3/4" | UP408 | Lead free compliant |
| 3/4" X 3/4" X 1/2" | UP412 | Lead free compliant |
| 3/4" X 1/2" X 3/4" | UP444 | Lead free compliant |
| 3/4" X 1/2" X 1/2" | UP454 | Lead free compliant |



## Elbows

| SIZE             | P/N   | P/N (Lead Free)     |
|------------------|-------|---------------------|
| 1/2"             | UP248 | Lead free compliant |
| 1/2" X 1/2" MNPT | UP280 | Lead free compliant |
| 3/4"             | UP256 | Lead free compliant |
| 3/4" X 1/2"      | UP274 | Lead free compliant |



## Plugs

| SIZE | P/N   | P/N (Lead Free)     |
|------|-------|---------------------|
| 1/2" | UP514 | Lead free compliant |
| 3/4" | UP518 | Lead free compliant |



## Female Swivel Adapters

| SIZE             | P/N   | P/N (Lead Free)     |
|------------------|-------|---------------------|
| 3/8" X 3/8" FNPT | UP527 | Lead free compliant |
| 1/2" X 1/2" FNPT | UP526 | Lead free compliant |



## Swivel Elbow Adapters

| SIZE             | P/N   | P/N (Lead Free)     |
|------------------|-------|---------------------|
| 1/2" X 1/2" FNPT | UP532 | Lead free compliant |



## Clamp Rings

| SIZE | P/N   | P/N (Lead Free)     |
|------|-------|---------------------|
| 3/8" | UC952 | Lead free compliant |
| 1/2" | UC953 | Lead free compliant |
| 5/8" | UC954 | Lead free compliant |
| 3/4" | UC955 | Lead free compliant |
| 1"   | UC956 | Lead free compliant |



## Crimp Ring Gauges

| SIZE              | P/N   | P/N (Lead Free)     |
|-------------------|-------|---------------------|
| 3/8", 1/2" & 3/4" | 23080 | Lead free compliant |



## PEX Crimp Tools

| SIZE              | P/N   | P/N (Lead Free)     |
|-------------------|-------|---------------------|
| 3/8"              | 23077 | Lead free compliant |
| 1/2"              | 23078 | Lead free compliant |
| 3/4"              | 23079 | Lead free compliant |
| 1/2" & 3/4"       | 23251 | Lead free compliant |
| 3/8", 1/2" & 3/4" | 23383 | Lead free compliant |

Note: 23383 Combo Crimp Tool requires using Vise Grips to close the jaws.



## Crimp Ring Removal Tools

Use to remove 3/8", 1/2", 3/4" and 1" SharkBite® crimp rings.

| SIZE | P/N   | P/N (Lead Free)     |
|------|-------|---------------------|
| —    | 23055 | Lead free compliant |



## PEX Clamp Tools

For use with SharkBite® Barb 3/8", 1/2", 3/4" and 1" fittings and SharkBite® PEX tubing.

| SIZE               | P/N   | P/N (Lead Free)     |
|--------------------|-------|---------------------|
| One-hand Operation | UC961 | Lead free compliant |
| Standard Handles   | 23081 | Lead free compliant |



## PEX Crimp Ring Tool Kits

Includes Crimp Tool, jaws for 3/8", 1/2", 3/4" and 1" size crimp rings and SharkBite® Barb fittings. And a go-no-go gauge, adjustment tools and case.

| SIZE | P/N   | P/N (Lead Free)     |
|------|-------|---------------------|
| —    | 23100 | Lead free compliant |



## PEX Tubing Cutters

Use to cut 1/4", 3/8", 1/2", 3/4" and 1" SharkBite® PEX tubing.

| SIZE | P/N  | P/N (Lead Free)     |
|------|------|---------------------|
| —    | U701 | Lead free compliant |

# IMPROVE YOUR SKILLS.

## SharkBite® Online Training.



[www.sharkbite.com/usa/en/how-it-works](http://www.sharkbite.com/usa/en/how-it-works)

[www.youtube.com/sharkbiteplumbing](http://www.youtube.com/sharkbiteplumbing) >>>>



# APPLICATIONS



**ADD NEW SERVICE LINES AND EQUIPMENT**  
Use SharkBite® slip tees and other fittings to add a service line or install equipment such as expansion tanks, ice-makers or humidifiers.



**WET OR DRY REPAIRS**  
There's no faster way to make a repair – wet or dry. You can connect copper, CPVC or PEX pipe in any combination. Cut. Push. Done.



**WATER HEATER FLEX CONNECTORS**  
Install or replace a water heater. It's a breeze with SharkBite® flexible connectors or the Water Heater installation kits.



**STOPS AND FIXTURE SUPPLY FITTINGS**  
The SharkBite® system includes a broad range of fittings for installing fixtures and appliances. You can even make custom length risers with SharkBite® 1/4" (3/8" OD) PEX.



**HYDRONIC HEATING SYSTEMS**  
Under the floor or behind a wall, a broad range of SharkBite® push-fit fittings and PEX products gives you confident connections.

## IT'S ABOUT TIME

The fastest way to install large bore pipe.

- Quick connect – no tools, soldering or glue
- Quick disconnect – with the innovative Shark Shifter tool
- One person installation
- For use on Copper, PEX and CPVC
- Extensive Range of Fittings and Ball Valves with sizes in 1 1/4", 1 1/2" and 2"



# CERTIFICATIONS



The SharkBite® push-fit fittings have been design certified and listed to ASSE 1061/NSF 61. The SharkBite® push-fit fittings are listed by IAPMO and are certified for potable and hydronic heating water distribution (note: Glycol mixture for hydronics is acceptable up to and including 100%). The SharkBite® push-fit fittings have been certified for underground applications and as a manufactured joint without access panels and they meet UPC, IPC and cUPC requirements. Please consult with local plumbing codes concerning specific applications.

The SharkBite® tubing without oxygen barrier is approved for all model codes in the US and Canada for use in potable water systems and is certified to the following standards: ASTM F 876, ASTM F 877, CSA B137.5 and AWWA C904.

The SharkBite® tubing with oxygen barrier is approved for use in all model codes in the US and Canada for use in hydronic and potable water systems and is certified to the following standards: ASTM F 876, ASTM F 877, CSA B137.5 and AWWA C904.

**Note:** The SharkBite® push-fit fittings are not approved for use with chrome-plated pipe. SharkBite® Polybutylene Couplings are designed to work with ASTM D3309 spec polybutylene, do not install onto damaged or decayed PB pipe.

## SharkBite® Fittings / Tube Size Compatibility

| Nominal Size of Fitting | Nominal Size of Tubing | Tubing OD Size | Tubing ID Size |
|-------------------------|------------------------|----------------|----------------|
| 1/4"                    | 1/4" CTS               | 3/8"           | 0.305"         |
| 3/8"                    | 3/8" CTS               | 1/2"           | 0.350"         |
| 1/2"                    | 1/2" CTS               | 5/8"           | 0.475"         |
| 5/8"                    | 5/8" CTS               | 3/4"           | 0.652"         |
| 3/4"                    | 3/4" CTS               | 7/8"           | 0.671"         |
| 1"                      | 1" CTS                 | 1"             | 0.885"         |
| 1/4" compression        | 1/4" ACR               | 1/4"           | 0.190"         |
| 3/8" compression        | 3/8" ACR               | 3/8"           | 0.311"         |

Note: 1/4" push-fit connector ends require use of 3/8" OD CTS PEX, CPVC or hard drawn Type K, L and M and annealed Type M copper complying with ASTM B 88. SharkBite® connector ends are not approved for use with chrome plated pipe. If it is necessary to use chrome plated tubing, the chrome finish should be completely removed from 1" of the tubing ends.



**Reliance Worldwide USA**  
 2727 Paces Ferry Road SE  
 Building Two, Suite 1800  
 Atlanta, GA 30339  
 1-877-700-4242  
 Fax: 1-877-700-4280  
 cashacme.com

**Reliance Worldwide Canada**  
 74 Alex Avenue  
 Vaughan, Ontario, L4L 5X1  
 1-888-820-0120  
 Fax: 1-905-265-2775  
 cashacme.ca

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