

# 2017

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# NEW PRODUCT GUIDE

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# SHARKBITE® TOTAL PLUMBING SOLUTION

## REDEFINING EFFICIENCY

For more than 20 years and with over 250 million fittings installed, SharkBite has been at the forefront of innovating solutions for helping the plumbing trade improve efficiency with enhanced jobsite performance. Being a leader through continuous innovation and providing solutions that address the challenges that plumbing professionals face every day is who we are. Whether you are repairing a water line, installing a water heater, remodeling a home or plumbing a system in a new construction job, SharkBite provides proven solutions that save time, reduce cost, and have the versatility to overcome the most difficult situations.

## TOTAL SYSTEM

The SharkBite system includes a wide range of plumbing fittings, valves, PEX pipe, outlet boxes and other plumbing accessories, making it the only system that is a total end-to-end plumbing solution from meter to fixture. This means compatibility and peace of mind quality that is backed by a single manufacturer.

[www.sharkbite.com](http://www.sharkbite.com)

# GATE VALVES & GARDEN VALVES + HOSE BIBBS

## GATE VALVES & GARDEN VALVES

Multi-turn shutoff valves that allow for the regulation of water flow. Designed with an integrated drain vent, allowing for easy cold weather maintenance. Push-to-connect ends that enable quick installation and are compatible with Copper, CPVC and PEX pipe.



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>GATE VALVES</b>			
1/2" x 1/2" Gate Valve with Drain	24634LF	12	\$18.00
3/4" x 3/4" Gate Valve with Drain	24635LF	12	\$20.00
1/2" x 3/4" MHT Garden Valve	24622LF	6	\$16.50
3/4" x 3/4" MHT Garden Valve	24623LF	6	\$18.00

## HOSE BIBBS

Multi-turn and 1/4" turn shutoff that allows for the regulation of water flow. Designed with a 2.4" diameter mounting flange and patented one piece inlet connection, SharkBite hose bibbs are ideal for replacement and new construction installation. Compatible with Copper, PEX & CPVC pipe.



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>HOSE BIBBS</b>			
1/2" x 3/4" MHT 90 Deg Hose Bibb – Quarter Turn	24620LF	6	\$16.50
3/4" x 3/4" MHT 90 Deg Hose Bibb – Quarter-Turn	24621LF	6	\$19.00
1/2" x 3/4" MHT 90 Deg Hose Bibb – Multi-Turn	24626LF	6	\$12.00
3/4" x 3/4" MHT 90 Deg Hose Bibb – Multi-Turn	24627LF	6	\$13.00
1/2" x 3/4" MHT No-Kink 45 Deg Hose Bibb – Quarter Turn	24630LF	6	\$17.50
3/4" x 3/4" MHT No-Kink 45 Deg Hose Bibb – Quarter-Turn	24631LF	6	\$19.00
1/2" x 3/4" MHT No-Kink 45 Deg Hose Bibb – Multi-Turn	24632LF	6	\$15.00
3/4" x 3/4" MHT No-Kink 45 Deg Hose Bibb – Multi-Turn	24633LF	6	\$16.50

# SILLCOCKS + KITS

## SILLCOCKS

The Anti-Siphon Frost-Free Sillcock is ideal for protection in cold climate areas. The integrated vacuum breaker protects the faucet from potential back pressure and contaminated water flowing back into the main line, and the internal stem seals the valve at the inlet connection, providing extra protection against freezing and burst pipes.



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>SILLCOCKS</b>			
1/2" x 3/4" MHT 8" Anti-Siphon Frost-Free Sillcock	24628LF	4	\$44.00
1/2" x 3/4" MHT 10" Anti-Siphon Frost-Free Sillcock	24629LF	4	\$47.00
1/2" x 3/4" MHT 12" Anti-Siphon Frost-Free Sillcock	24636LF	4	\$50.00
1/2" x 3/4" MHT 15" Anti-Siphon Frost-Free Sillcock	24637LF	4	\$52.00
1/2" x 3/4" MHT 18" Anti-Siphon Frost-Free Sillcock	24638LF	4	\$55.00

## KITS

SharkBite installation kits include everything needed to install dishwashers, filtration systems and showers or tubs with no additional tools needed.



DESCRIPTION	ITEM	QTY	LIST PRICE
<b>KITS</b>			
Dishwasher Installation Kit	25568	3	\$52.00
Shower/Tub Installation Kit	25567	3	\$60.00
3/4" Water Filter Installation Kit	25561	6	\$31.00
1" Water Filter Installation Kit	25562	6	\$43.50
Faucet Kit with Straight Stop	25538	3	\$48.00
Toilet Kit with Straight Stop	25539	3	\$27.50

# ELBOWS + PVC TRANSITION FITTINGS

## ELBOWS

Make a 45° connection using Copper, PEX, CPVC, HDPE and PE-RT pipes in any combination.



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>ELBOWS</b>			
1/2" 45-Deg Elbow	U648LF	12	\$12.00
3/4" 45-Deg Elbow	U656LF	6	\$14.50
1" 45-Deg Elbow	U660LF	12	\$30.00
1/2" 45-Deg Street Elbow	U615LF	6	\$11.50
3/4" 45-Deg Street Elbow	U620LF	6	\$14.00

## PVC TRANSITION FITTINGS

Quickly transition from PVC pipe (Sch. 40, 80 and 120) to Copper, PEX, and CPVC with the newly expanded line of PVC transition fittings.



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>PVC TRANSITION FITTINGS</b>			
3/4" PVC X 3/4" CTS Ball Valve	25550LF	6	\$31.50
1" PVC X 3/4" CTS Ball Valve	25551LF	6	\$33.50
1/2" PVC Cap	UIP514	12	\$9.50
3/4" PVC Cap	UIP518	12	\$12.00
1" PVC Cap	UIP520	12	\$18.50

# SLIP ADAPTERS + SUPPLY LINE SOLUTIONS

## SLIP ADAPTERS

Repair damaged copper or CPVC pipe quickly with one fitting and no wasted pipe. Make repairs in wet lines, even under full flow.



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>SLIP ADAPTERS</b>			
1/2" Slip Male Adapter	U3120LF	6	\$16.50
3/4" Slip Male Adapter	U3134LF	6	\$19.50
1" Slip Male Adapter	U3140LF	6	\$41.00

## SUPPLY LINE SOLUTIONS

Combined with SharkBite push-to-connect stop valves and Click Seal® faucet and toilet connectors, the new SharkBite fixture supply connectors offer a one-piece integrated design for faster installation.

The push-to-connect dual outlet angle stop valve allows two independent supply lines to be attached to a single valve.



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>SUPPLY LINE SOLUTIONS</b>			
1/2" X 7/8" Ballcock Click Seal® Toilet Connector x 12"*	24656	6	\$22.00
1/2" X 1/2" NPSM ClickSeal® Faucet Connector x 20"*	24657	6	\$23.50
1/2" Angle Stop X 3/8" X 3/8" OD Comp Dual Outlet Stop	25558LF	6	\$15.00

\*Click Seal® is a registered trademark of Fluidmaster, Inc.

# WASHING MACHINE VALVES + WATER HAMMER ARRESTORS

## WASHING MACHINE VALVES

Quarter-turn valves with mounting brackets are ideal for washing machine installations that have no outlet box.



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>WASHING MACHINE VALVES</b>			
1/2" X 3/4" MHT Washing Machine Straight Valve	25559LF	6	\$12.50
1/2" X 3/4" MHT Washing Machine Angle Valve	25560LF	6	\$12.50

## WATER HAMMER ARRESTORS

Eliminates water hammer noise and serves as maintenance-free protection against the sudden stoppage of water flow in water distribution systems. Push-to-connect ends enable quick and easy installation.



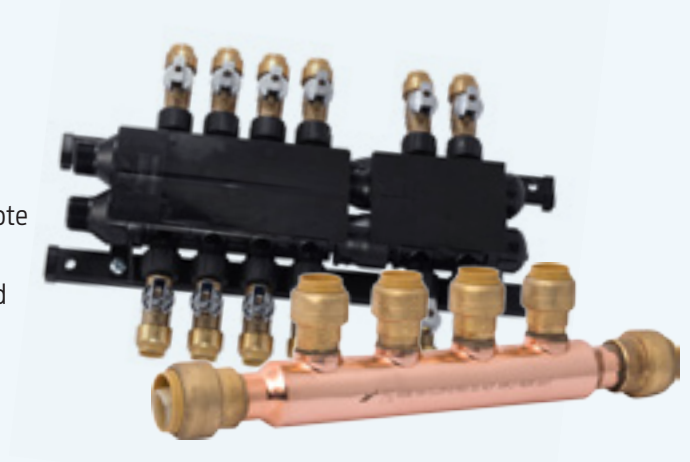
DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>WATER HAMMER ARRESTORS</b>			
SharkBite 1/2" Water Hammer Arrestor	22630LF	3	\$42.50
SharkBite 3/4" Water Hammer Arrestor	22632LF	3	\$54.00

# MANIFOLDS + LARGE DIAMETER PEX BARB FITTINGS

## MANIFOLDS

The SharkBite manifold with push-to-connect branches serves as a remote distribution manifold with various ports to supply multiple water lines.

- Designed for concentrated water service areas such as bathrooms and kitchens
- Reduces risk of leaks by eliminating excess connection points



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>MANIFOLDS</b>			
3/4" x 1/2" Outlet 3-Port Manifold - Open	25552LF	3	\$40.00
3/4" x 1/2" Outlet 4-Port Manifold - Open	25554LF	3	\$50.00
3/4" x 1/2" Outlet 3-Port Manifold - Closed	25553LF	3	\$40.00
3/4" x 1/2" Outlet 4-Port Manifold - Closed	25555LF	3	\$50.00
Home Run Manifold 12 Port with Brass Barb Ball Valves	RM22712	1	\$214.00
Home Run Manifold 24 Port with Brass Barb Ball Valves	RM22724	1	\$363.00
Home Run Manifold 12 Port with Polly Barb Ball Valves	PM012UP	1	\$193.00
Home Run Manifold 24 Port with Polly Barb Ball Valves	PM024UP	1	\$305.00
Home Run Manifold 12 Port with Brass Push-to-Connect Valves	PM012SB	1	\$247.00
Home Run Manifold 24 Port with Brass Push-to-Connect Valves	PM024SB	1	\$415.00

## LARGE DIAMETER PEX BARB FITTINGS

1-1/4" - 2" PEX barb fittings are for large diameter residential and commercial plumbing applications.





# LARGE DIAMETER PEX BARB FITTINGS

DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>LARGE DIAMETER PEX BARB FITTINGS</b>			
Coupling - 1-1/4" Barb x 3/4" Barb	UC013522	20	\$9.90
Coupling - 1-1/4" Barb x 1" Barb	UC013528	20	\$9.90
Coupling - 1-1/4" Barb	UC0135	20	\$9.90
Coupling - 1-1/2" Barb x 3/4" Barb	UC014122	15	\$16.50
Coupling - 1-1/2" Barb x 1" Barb	UC014128	15	\$16.50
Coupling - 1-1/2" Barb x 1-1/4" Barb	UC014135	20	\$16.50
Coupling - 1-1/2" Barb	UC0141	20	\$16.50
Coupling - 2" Barb x 1-1/2" Barb	UC015441	20	\$26.50
Coupling - 2" Barb	UC0154	15	\$26.50
Elbow 90 - 1-1/4" Barb	UC0235	10	\$17.00
Elbow 90 - 1-1/2" Barb	UC0241	10	\$28.00
Elbow 90 - 2" Barb	UC0254	10	\$45.00
Test Plug - 1-1/4" Barb	UC0435	40	\$7.90
Test Plug - 1-1/2" Barb	UC0441	30	\$13.00
Test Plug - 2" Barb	UC0454	20	\$21.00
Tee - 1-1/4" Barb x 1" Barb x 1" Barb	UC08352828	10	\$22.00
Tee - 1-1/4" Barb x 1-1/4" Barb x 1/2" Barb	UC08353516	10	\$22.00
Tee - 1-1/4" Barb x 1-1/4" Barb x 3/4" Barb	UC08353522	10	\$22.00
Tee - 1-1/4" Barb x 1-1/4" Barb x 1" Barb	UC08353528	10	\$22.00
Tee - 1-1/4" Barb	UC0835	10	\$22.00
Tee - 1-1/2" Barb x 1-1/4" Barb x 1" Barb	UC08413528	5	\$36.50
Tee - 1-1/2" Barb x 1-1/2" Barb x 1/2" Barb	UC08414116	5	\$36.50
Tee - 1-1/2" Barb x 1-1/2" Barb x 3/4" Barb	UC08414122	10	\$36.50
Tee - 1-1/2" Barb x 1-1/2" Barb x 1" Barb	UC08414128	5	\$36.50
Tee - 1-1/2" Barb x 1-1/2" Barb x 1-1/4" Barb	UC08414135	5	\$36.50
Tee - 1-1/2" Barb	UC0841	5	\$36.50
Tee - 2" Barb x 2" Barb x 1/2" Barb	UC08545416	5	\$58.00
Tee - 2" Barb x 2" Barb x 3/4" Barb	UC08545422	5	\$58.00
Tee - 2" Barb x 2" Barb x 1" Barb	UC08545428	5	\$58.00
Tee - 2" Barb x 2" Barb x 1-1/2" Barb	UC08545441	5	\$58.00
Tee - 2" Barb	UC0854	5	\$58.00
1-1/4" Copper Crimp Ring	24676	50	\$1.30
1-1/2" Copper Crimp Ring	24677	50	\$2.80
2" Copper Crimp Ring	24678	20	\$5.00
Crimp Tool 1-1/4", 1-1/2", 2"	24675	1	\$425.00

# SHARKBITE DUAL CHECK + TEMPERATURE & PRESSURE RELIEF VALVE

## DUAL CHECK VALVES

The Cash Acme BF Series is the first dual check range to offer an ASSE 1024 valve that features push-to-connect ends. The SharkBite connections make for simplified installation on a variety of pipe types and applications.

- ASSE 1024 & CSA B64.6



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>BF-1 &amp; BF-5 DUAL CHECKS</b>			
3/4" BF1, Dual Check, FNPT Union Inlet & FNPT Outlet	BF13434	1	\$50.00
3/4" BF1, Dual Check, SharkBite Inlet & Outlet	BF13434SB	1	\$56.00
1" BF1, Dual Check, FNPT Union Inlet & FNPT Outlet	BF10101	1	\$60.00
1" BF1, Dual Check, SharkBite Inlet & Outlet	BF10101SB	1	\$66.00
1" X 3/4" BF5, Dual Check, Meter Swivel Nut Inlet, FNPT Outlet	BF5M0134	1	\$56.00
1" X 3/4" BF5, Dual Check, Meter Swivel Nut Inlet, SharkBite Outlet	BF5M0134SB	1	\$62.00
1-1/4" X 1" BF5, Dual Check, Meter Swivel Nut Inlet, FNPT Outlet	BF5M1401	1	\$64.00
1-1/4" X 1" BF5, Dual Check, Meter Swivel Nut Inlet, SharkBite Outlet	BF5M1401SB	1	\$70.00

## SHARKBITE TEMPERATURE & PRESSURE RELIEF VALVE

The NCLX-5LX provides temperature and pressure protection for residential water heaters and storage tanks. Install a copper or CPVC drain line quickly and efficiently with the SharkBite fitting on the outlet of the valve.



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>TEMPERATURE &amp; PRESSURE RELIEF VALVE</b>			
NCLX-5LX w/ SharkBite Outlet Connection	24609-0150	1	\$35.00

# HG 110-HX MIXING VALVE+ HG 110-D MIXING VALVE

## HG 110-HX MIXING VALVE

SharkBite unions simplify the installation of your thermostatic mixing valve in heating applications.

- 85 – 176° F Outlet Temp Range
- Factory Set 115 - 120° F
- Flow Rate: 1 – 20 GPM



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>HG110-HX</b>			
3/4" HG110-HX with SharkBite Connections and Integral Checks	24867	1	\$172.00

## HG 110-D MIXING VALVE

Cash Acme extends its range of unions with the new 3/4" FNPT tailpieces.

- 85 – 176° F Outlet Temp Range
- Factory Set 115 - 120° F
- Flow Rate: 1 – 20 GPM



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>HG110-D</b>			
3/4" HG110-D with Threaded FNPT Connections and Integral Checks	25523	1	\$172.00

# THERMAL MANIFOLD ACTUATOR + PEX CONDUIT SLAB SUPPORT

## MANIFOLD ACTUATING VALVE

Manifold actuators designed to provide individual loop control on a multi-zoned SharkBite Radiant Manifold.

- 4-wire with end switch
- End switch used for activation of relay (pump), heat plant, or other device



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>MANIFOLD ACTUATOR</b>			
SharkBite Radiant Manifold Actuator	24963	1	\$72.00

## PEX SLAB SUPPORT ELBOW

Protects PEX pipe when entering or exiting concrete.

- 90° PVC conduit
- For 3/8" and 1/2" PEX Pipe



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>PEX SLAB SUPPORT ELBOW</b>			
PEX Conduit Slab Support Elbow (for 3/8", 1/2" PEX)	25490Z	10	\$4.50

# SHARKBITE BOILER FEED VALVE + MANIFOLD BRACKET SET

## SHARKBITE BOILER FEED VALVE

The A-89 with SharkBite connections is the ideal valve for larger space heating boilers that require faster filling. The valve has a rapid fill feature that incorporates a larger seat for higher capacity and an improved back-check device that ensures greater water system protection.

- Factory set @ 14 PSI
- Max Inlet: 200 PSI



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>BOILER FEED VALVE</b>			
1/2" A-89 Direct SharkBite	25521Z	1	\$80.00

## MANIFOLD BRACKET SET

Provides a secure configuration and the offset design enables clean and compact installations.

- For 1"-1.5" diameter manifold bodies
- Rubber spacers included
- Offset 1-3/4"



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>MANIFOLD BRACKET</b>			
Manifold Bracket Set (for 1"-1.5" diameter manifolds)	25484Z	1	\$34.00

# PEX FOAM TWIST CLIPS+ WIRE MESH PEX CLIPS

## PEX FOAM TWIST CLIPS

A quick and easy way to secure oxygen barrier PEX to foam insulation in underfloor heating applications.

- For 3/8" - 1/2" PEX



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>FOAM INSULATION INSTALL CLIPS</b>			
3/8" - 1/2" PEX Foam Insulation Twist Clips (25 Pack)	25486Z25	6	\$12.50

## WIRE MESH PEX CLIPS

Provides an efficient method to secure your radiant PEX to wire mesh when using in slab radiant heating.

- Works with 3/8" - 1/2" PEX
- Install on wire mesh 1/8" - 3/16" OD



DESCRIPTION	PART NUMBER	QTY	LIST PRICE
<b>WIRE MESH CLIPS</b>			
3/8" - 1/2" PEX Wire Mesh Installation Clips, for Wire Mesh 1/8" - 3/16" OD (25 Pack)	25485Z25	6	\$10.50





# CONTRACTOR REWARDS

## SHARKBITE & CASH ACME WANT TO REWARD YOU

Contractor Rewards is our way of saying thanks for being a loyal customer. It's a loyalty program that rewards contractors like yourself by allowing you to earn rewards points from your SharkBite and Cash Acme purchases, as well as from purchases with other leading manufacturers. Simply enroll online at [ContractorRewards.com](http://ContractorRewards.com) and submit your invoices when you purchase SharkBite or Cash Acme products. Once enrolled, you will be able to check your point's balance, view eligible products, and use your points to shop for rewards.



# ONLINE BUILDING INFORMATION MODELING (BIM) LIBRARY



## WHAT IS BIM?

The Cash Acme® BIM library is a comprehensive database of design files that allows professionals to specify, design and estimate their design-build projects quickly and accurately. Over 100 SKUs in 32 different file formats can be easily accessed through the online catalog on [CashAcme.com](https://www.cashacme.com).

- 32 file formats available, including Autodesk Revit and CADmep
- 2D as well as 3D drawings
- Not just accurate geometry – includes connectors and data properties
- Native files: not exported from manufacturing software
- All files are generated live from a database, giving you confidence the data is always up-to-date
- Easily navigate through product data and compare products side by side



# 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/PROVINCIAL/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"> <li>• SharkBite PEX Pipe Only - ASTM F876/CSA B137.5</li> <li>• SharkBite Copper Crimp Rings – ASTM F1807 or F2159</li> <li>• Stainless Steel Clamp Rings – ASTM F2098</li> </ul>
	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"> <li>• SharkBite PEX Pipe Only - ASTM F876/CSA B137.5</li> </ul>
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"> <li>• Copper–ASTM B 88 hard drawn copper tube K, L, and M</li> <li>• PEX–ASTM F876/CSA B137.5</li> <li>• CPVC–ASTM D2846 or CSA B137.6</li> <li>• PE-RT–ASTM F2769</li> </ul>
	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"> <li>• HDPE SDR-9 ASTM D2737</li> </ul>
	SharkBite PEX Pipe	Twenty-Five (25) Years	Must be used with: <ul style="list-style-type: none"> <li>• ASSE 1061, ASTM F1807, ASTM F2098, and/or ASTM F2159 Fittings</li> </ul>
	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"> <li>• PEX – ASTM F876/CSA B137.5</li> <li>• Copper Crimp Rings – ASTM F1807</li> <li>• Stainless Steel Clamp Rings – ASTM F2098</li> </ul>
	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"> <li>• PEX – ASTM F876/CSA B137.5</li> <li>• Copper Crimp Rings – ASTM F2159</li> <li>• Stainless Steel Clamp Rings – ASTM F2098</li> </ul>
	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
SharkBite Quick-Connect POM Plastic Fittings	One (1) Years	Must be used with: Polyethylene, Nylon, PEX, and Soft Copper (must be round and in good condition)	

# CERTIFICATIONS



The SharkBite push-to-connect fittings have been design certified and listed to ASSE 1061/NSF 61. The SharkBite push-to-connect 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-to-connect fittings have been certified for underground applications and as a manufactured joint without access panels and they meet UPC, IPC and cUPC requirements. Any SharkBite fitting listed as Lead Free is compliant with NSF/ANSI 372. Please consult with local plumbing codes concerning specific applications.

The SharkBite pipe 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 pipe 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-to-connect 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.



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