



2018-2019 LIST PRICE BOOK



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SHARKBITE®

CONNECTION SYSTEM

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

All SharkBite fittings are made of Lead Free DZR brass and exceed ASSE 1061 Section IV, 4.1 Materials-Dezincification (DZR) - ISO 6509 standards.



PRODUCT DESCRIPTION		PART NUMBER	QTY/ BAG	LIST PRICE
SECTION 1: THE SHARKBITE CONNECTION SYSTEM				
1-A: CORE FITTINGS				
COUPLINGS				
1/4" (3/8" OD) X 1/4" (3/8" OD)		U004LF	6	\$9.10
3/8" (1/2" OD) X 3/8" (1/2" OD)		U006LF	6	\$11.30
1/2" X 1/2"		U008LF	12	\$11.30
3/4" X 3/4"		U016LF	12	\$13.50
1" X 1"		U020LF	6	\$25.00
LARGE DIAMETER	1-1/4" X 1-1/4" (For PEX applications, stiffeners are sold separately)	UXL0135	1	\$30.00
	1-1/2" X 1-1/2" (For PEX applications, stiffeners are sold separately)	UXL0141	1	\$40.50
	2" X 2" (For PEX applications, stiffeners are sold separately)	UXL0154	1	\$54.00
REDUCING COUPLINGS				
1/4" (3/8" OD) X 1/2"		U050LF	6	\$11.30
3/8" (1/2" OD) X 1/2"		U009LF	6	\$11.30
3/4" X 1/2"		U058LF	12	\$13.50
1" X 3/4"		U060LF	6	\$25.00
LARGE DIAMETER	1-1/4" X 1" (For PEX applications, stiffeners are sold separately)	UXL013528	1	\$30.00
	1-1/2" X 1" (For PEX applications, stiffeners are sold separately)	UXL014128	1	\$40.50
	1-1/2" X 1-1/4" (For PEX applications, stiffeners are sold separately)	UXL014135	1	\$40.50
	2" X 1-1/2" (For PEX applications, stiffeners are sold separately)	UXL015441	1	\$54.00
SLIP COUPLINGS (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)				
1/2" X 1/2"		U3008LF	3	\$19.00
3/4" X 3/4"		U3016LF	3	\$23.00
1" X 1"		U3020LF	1	\$42.50
LARGE DIAMETER	1-1/4" X 1-1/4" (For PEX applications, stiffeners are sold separately)	UXL0635	1	\$52.00
	1-1/2" X 1-1/2" (For PEX applications, stiffeners are sold separately)	UXL0641	1	\$70.00
	2" X 2" (For PEX applications, stiffeners are sold separately)	UXL0654	1	\$94.00
FEMALE CONNECTORS				
1/4" (3/8" OD) X 1/2" FNPT Reducing		U066LF	6	\$9.10
3/8" (1/2" OD) X 1/2" FNPT Reducing		U070LF	6	\$9.10
1/2" X 1/2" FNPT Straight		U072LF	12	\$9.10
1/2" X 3/4" FNPT Reducing		U068LF	6	\$10.90
3/4" X 1/2" FNPT Bullnose		U092LF	6	\$10.90
3/4" X 3/4" FNPT Straight		U088LF	6	\$10.90
1" X 1" FNPT Straight		U094LF	6	\$19.50

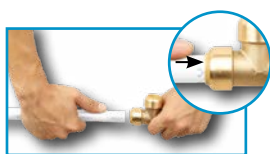


HOW TO INSTALL SHARKBITE PUSH-TO-CONNECT PRODUCTS



CUT:

Cut the pipe square removing rough edges and debris. Mark the pipe to the correct insertion depth.



PUSH:

Push pipe and fitting together up to the depth mark.



DONE.



Using the disconnect clip, fittings can be easily changed, removed and reused.



PRODUCT DESCRIPTION		PART NUMBER	QTY/ BAG	LIST PRICE
LARGE DIAMETER	1-1/4" X 1-1/4" FNPT (For PEX applications, stiffeners are sold separately)	UXL113532F	1	\$25.50
	1-1/2" X 1-1/2" FNPT (For PEX applications, stiffeners are sold separately)	UXL114140F	1	\$36.50
	2" X 2" FNPT (For PEX applications, stiffeners are sold separately)	UXL115450F	1	\$48.50
MALE CONNECTORS				
	1/4" X 1/2" MNPT Reducing	U110LF	6	\$7.50
	3/8" (1/2" OD) X 1/2" MNPT Reducing	U118LF	6	\$9.10
	1/2" X 1/2" MNPT Straight	U120LF	12	\$9.10
	1/2" X 3/4" MNPT Reducing	U116LF	6	\$10.90
	3/4" X 1/2" MNPT Bullnose	U138LF	12	\$10.90
	3/4" X 3/4" MNPT Straight	U134LF	12	\$10.90
	3/4" X 1" MNPT Straight	U139LF	6	\$21.00
	1" X 3/4" MNPT Reducing	U142LF	6	\$21.00
	1" X 1" MNPT Straight	U140LF	6	\$21.00
LARGE DIAMETER	1-1/4" X 1-1/4" MNPT (For PEX applications, stiffeners are sold separately)	UXL113532M	1	\$27.00
	1-1/2" X 1-1/2" MNPT (For PEX applications, stiffeners are sold separately)	UXL114140M	1	\$36.50
	2" X 2" MNPT (For PEX applications, stiffeners are sold separately)	UXL115450M	1	\$48.50
SLIP MALE CONNECTORS				
	1/2" x 1/2" MNPT	U3120LF	6	\$15.50
	3/4" x 3/4" MNPT	U3134LF	6	\$18.50
	1" x 1" MNPT	U3140LF	6	\$36.00
THREADED ADAPTERS				
	3/4" CTS X 3/4" FNPT Threaded (CTS end inserts into any 3/4" SB fitting)	U766LF	6	\$16.00
	1" CTS X 1" FNPT Threaded (CTS end inserts into any 1" SB fitting)	U772LF	6	\$16.00
90° ELBOWS				
	1/4" (3/8" OD) X 1/4" (3/8" OD)	U244LF	6	\$9.60
	3/8" (1/2" OD) X 3/8" (1/2" OD)	U246LF	6	\$12.30
	1/2" X 1/2"	U248LF	12	\$12.30
	3/4" X 3/4"	U256LF	6	\$15.50
	1" X 1"	U260LF	6	\$28.50
LARGE DIAMETER	1-1/4" X 1-1/4" (For PEX applications, stiffeners are sold separately)	UXL0254	1	\$64.00
	1-1/2" X 1-1/2" (For PEX applications, stiffeners are sold separately)	SB0241	1	\$48.50
	2" X 2" (For PEX applications, stiffeners are sold separately)	SB0254	1	\$64.00
90° STRET ELBOWS				
LARGE DIAMETER	1-1/4" x 1-1/4"	UXL0935	1	\$34.00
	1-1/2" x 1-1/2"	UXL0941	1	\$48.50
	2" x 2"	UXL0954	1	\$64.00
45° ELBOWS				
	1/2" x 1/2"	U648LF	12	\$12.30
	3/4" x 3/4"	U656LF	6	\$15.50
	1" x 1"	U660LF	12	\$28.50
LARGE DIAMETER	1-1/4" X 1-1/4" (For PEX applications, stiffeners are sold separately)	UXL0535	1	\$34.00
	1-1/2" X 1-1/2" (For PEX applications, stiffeners are sold separately)	UXL0541	1	\$48.50
	2" X 2" (For PEX applications, stiffeners are sold separately)	UXL0554	1	\$64.00

PRODUCT DESCRIPTION		PART NUMBER	QTY/ BAG	LIST PRICE
45° STREET ELBOWS				
1/2" x 1/2" CTS Tail Adapter (CTS end inserts into any 1/2" SB fitting)		U615LF	6	\$11.90
3/4" x 3/4" CTS Tail Adapter (CTS end inserts into any 3/4" SB fitting)		U620LF	6	\$14.50
LARGE DIAMETER	1-1/4" X 1-1/4" (For PEX applications, stiffeners are sold separately)	UXL0735	1	\$34.00
	1-1/2" X 1-1/2" (For PEX applications, stiffeners are sold separately)	UXL0741	1	\$48.50
	2" X 2" (For PEX applications, stiffeners are sold separately)	UXL0754	1	\$64.00
FEMALE ELBOWS				
1/2" X 1/2" FNPT		U308LF	6	\$12.40
3/4" X 3/4" FNPT		U314LF	3	\$15.50
MALE ELBOWS				
1/2" X 1/2" MNPT		U280LF	6	\$12.40
3/4" X 3/4" MNPT		U286LF	6	\$15.50
REDUCING ELBOWS				
1/2" X 3/8" (1/2" OD)		U272LF	12	\$12.40
3/4" X 1/2"		U274LF	6	\$15.50
1" X 3/4"		U278LF	3	\$27.00
DROP-EAR ELBOWS				
3/8" (1/2" OD) X 1/2" FNPT		U332LF	6	\$12.40
1/2" X 1/2"		U249LF	12	\$15.50
1/2" X 1/2" FNPT		U334LF	6	\$12.40
3/4" X 3/4" FNPT		U340LF	6	\$17.00
HY-EAR EAR ELBOWS				
1/2" X 1/2" Hy-Ear		U335LF	6	\$15.00
DISHWASHER ELBOWS				
1/4" (3/8" OD) X 3/8" MNPT Dishwasher		U276LF	6	\$12.40
1/4" (3/8" OD) X 3/4" Garden Hose Nut		U2276LF	6	\$15.50
1/2" X 3/8" MNPT Dishwasher		U281LF	6	\$12.40
TEES				
1/4" (3/8" OD) X 1/4" (3/8" OD) X 1/4" (3/8" OD)		U358LF	6	\$13.90
3/8" (1/2" OD) X 3/8" (1/2" OD) X 3/8" (1/2" OD)		U360LF	6	\$17.00
1/2" X 1/2" X 1/2"		U362LF	12	\$17.00
3/4" X 3/4" X 3/4"		U370LF	6	\$20.50
1" X 1" X 1"		U374LF	3	\$38.00
LARGE DIAMETER	1-1/4" X 1-1/4" X 1-1/4"	UXL0835	1	\$46.00
	1-1/2" X 1-1/2" X 1-1/2"	UXL0841	1	\$62.00
	2" X 2" X 2"	UXL0854	1	\$83.00
REDUCING TEES				
3/8" (1/2" OD) X 3/8" (1/2" OD) X 1/2"		U364LF	6	\$17.00
1/2" X 1/2" X 1/4" (3/8" OD)		U359LF	6	\$17.00
1/2" X 1/2" X 3/8" (1/2" OD)		U363LF	6	\$17.00
3/4" X 1/2" X 1/2"		U454LF	6	\$20.50
3/4" X 3/4" X 1/2"		U412LF	6	\$20.50
3/4" X 1/2" X 3/4"		U444LF	6	\$20.50
1" X 1" X 3/4"		U416LF	3	\$38.00





PRODUCT DESCRIPTION		PART NUMBER	QTY/ BAG	LIST PRICE
LARGE DIAMETER	1-1/4" x 1/2" x 1-1/4"	UXL08351635	1	\$46.00
	1-1/4" x 3/4" x 1/2"	UXL08352216	1	\$46.00
	1-1/4" x 3/4" x 3/4"	UXL08352222	1	\$46.00
	1-1/4" x 3/4" x 1"	UXL08352228	1	\$46.00
	1-1/4" x 3/4" x 1-1/4"	UXL08352235	1	\$46.00
	1-1/4" x 1" x 1/2"	UXL08352816	1	\$46.00
	1-1/4" x 1" x 3/4"	UXL08352822	1	\$46.00
	1-1/4" x 1" x 1"	UXL08352828	1	\$46.00
	1-1/4" X 1-1/4" X 1/2"	UXL08353516	1	\$46.00
	1-1/4" X 1-1/4" X 3/4"	UXL08353522	1	\$46.00
	1-1/4" X 1-1/4" X 1"	UXL08353528	1	\$46.00
	1-1/2" X 1-1/2" X 3/4"	UXL08414122	1	\$62.00
	1-1/2" x 1" x 3/4"	UXL08412822	1	\$62.00
	1-1/2" x 1" x 1"	UXL08412828	1	\$62.00
	1-1/2" x 1" x 1-1/2"	UXL08412841	1	\$62.00
	1-1/2" x 1-1/4" x 3/4"	UXL08413522	1	\$62.00
	1-1/2" x 1-1/4" x 1"	UXL08413528	1	\$62.00
	1-1/2" x 1-1/4" x 1-1/4"	UXL08413535	1	\$62.00
	1-1/2" x 1-1/2" x 1/2"	UXL08414116	1	\$62.00
	1-1/2" X 1-1/2" X 1"	UXL08414128	1	\$62.00
	1-1/2" X 1-1/2" X 1-1/4"	UXL08414135	1	\$62.00
	2" x 1-1/4" x 1-1/4"	UXL08543535	1	\$83.00
	2" x 1-1/2" x 3/4"	UXL08544122	1	\$83.00
	2" x 1-1/2" x 1"	UXL08544128	1	\$83.00
	2" x 1-1/2" x 1-1/4"	UXL08544135	1	\$83.00
	2" x 1-1/2" x 1-1/2"	UXL08544141	1	\$83.00
	2" x 1-1/2" x 2"	UXL08544154	1	\$83.00
	2" x 2" x 1/2"	UXL08545416	1	\$83.00
	2" x 2" x 3/4"	UXL08545422	1	\$83.00
	2" X 2" X 1"	UXL08545428	1	\$83.00
	2" X 2" X 1-1/4"	UXL08545435	1	\$83.00
	2" X 2" X 1-1/2"	UXL08545441	1	\$83.00
FEMALE CENTER TEES				
3/4" x 3/4" x 3/4" (Utilizes a U766LF thread adapter)		U462LF	3	\$20.50
1" x 1" x 1" (Utilizes a U772LF thread adapter)		U464LF	3	\$38.00
LARGE DIAMETER	1-1/4" x 1-1/4" x 1/2" FNPT Branch Tee	UXL10353515	1	\$46.00
	1-1/4" x 1-1/4" x 3/4" FNPT Branch Tee	UXL10353520	1	\$46.00
	1-1/4" x 1-1/4" x 1" FNPT Branch Tee	UXL10353525	1	\$46.00
	1-1/2" x 1-1/2" x 1/2" FNPT Branch Tee	UXL10414115	1	\$62.00
	1-1/2" x 1-1/2" x 3/4" FNPT Branch Tee	UXL10414120	1	\$62.00
	1-1/2" x 1-1/2" x 1" FNPT Branch Tee	UXL10414125	1	\$62.00
	2" x 2" x 1/2" FNPT Branch Tee	UXL10545415	1	\$83.00
	2" x 2" x 3/4" FNPT Branch Tee	UXL10545420	1	\$83.00
	2" x 2" x 1" FNPT Branch Tee	UXL10545425	1	\$83.00

PRODUCT DESCRIPTION		PART NUMBER	QTY/ BAG	LIST PRICE
FEMALE CENTER SLIP TEES (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)				
1/2" X 1/2" X 1/2" FNPT		U3482LF	3	\$28.50
3/4" X 3/4" X 3/4" FNPT		U3486LF	3	\$33.50
SLIP TEES (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)				
1/2" X 1/2" X 1/2"		U3362LF	3	\$21.50
3/4" X 3/4" X 3/4"		U3370LF	3	\$26.50
LARGE DIAMETER	1-1/4" X 1-1/4" (For PEX applications, stiffeners are sold separately)	UXL0335	1	\$59.00
	1-1/2" X 1-1/2" (For PEX applications, stiffeners are sold separately)	UXL0341	1	\$81.00
	2" X 2" (For PEX applications, stiffeners are sold separately)	UXL0354	1	\$108.00
SERVICE SLIP TEE ADAPTER (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)				
1/2" X 1/2" X 1/2" CTS Tail Adapter Service Line Tee (CTS end inserts into any 1/2" SB fitting)		U4482LF	6	\$28.50
END CAPS				
3/8" (1/2" OD)		U512LF	6	\$10.30
1/2"		U514LF	12	\$10.30
3/4"		U518LF	6	\$12.10
1"		U520LF	6	\$22.50
LARGE DIAMETER	1-1/4" (For PEX applications, stiffeners are sold separately)	UXL0435	1	\$27.00
	1-1/2" (For PEX applications, stiffeners are sold separately)	UXL0441	1	\$36.50
	2" (For PEX applications, stiffeners are sold separately)	UXL0454	1	\$48.50
FITTING REDUCERS (USE TO CONNECT TO SMALLER PIPE SIZES)				
3/8" (1/2" OD) X 1/2" CTS (CTS end inserts into any 1/2" SB fitting)		U719LF	6	\$13.40
3/8" (1/2" OD) X 3/4" CTS (CTS end inserts into any 3/4" SB fitting)		U721LF	6	\$16.00
1/2" X 1" CTS (CTS end inserts into any 1" SB fitting)		U722LF	6	\$27.00
3/4" X 1" CTS (CTS end inserts into any 1" SB fitting)		U724LF	6	\$27.00
LARGE DIAMETER	1-1/4" x 1/2"	UXL123516	1	\$25.50
	1-1/4" x 3/4"	UXL123522	1	\$25.50
	1-1/4" x 1"	UXL123528	1	\$25.50
	1-1/2" x 1/2"	UXL124116	1	\$36.50
	1-1/2" x 3/4"	UXL124122	1	\$36.50
	1-1/2" x 1"	UXL124128	1	\$36.50
	1-1/2" x 1-1/4"	UXL124135	1	\$36.50
	2" x 1/2"	UXL125416	1	\$48.50
	2" x 3/4"	UXL125422	1	\$48.50
	2" x 1"	UXL125428	1	\$48.50
	2" x 1-1/4"	UXL125435	1	\$48.50
	2" x 1-1/2"	UXL125441	1	\$48.50
WATER SOFTENER FITTING				
3/4" X 1" FIP		U086LF	12	\$22.50

1-B: RADIANT FITTINGS**RADIANT FITTINGS (NON-POTABLE WATER APPLICATION)**

5/8" X 5/8" Coupling	U012	6	\$11.90
3/4" X 5/8" Reducing Coupling	U057	6	\$12.90
5/8" X 3/4" MNPT Reducing Adapter	U126	6	\$10.30
5/8" X 5/8" Elbow	U252	6	\$12.90



PRODUCT DESCRIPTION	PART NUMBER	QTY/ BAG	LIST PRICE
3/4" X 5/8" Elbow	U273	6	\$14.50
5/8" X 5/8" X 5/8" Tee	U366	6	\$18.00
5/8" End Stop	U516	6	\$10.90

1-C: TRANSITION FITTINGS**POLYBUTYLENE TRANSITION COUPLINGS**

1/2" PB X 1/2" CTS	U4008LF	6	\$15.00
3/4" PB X 3/4" CTS	U4016LF	6	\$18.00

PVC TRANSITION COUPLINGS

1/2" CTS X 1/2" PVC	UIP4008	6	\$14.90
3/4" CTS X 3/4" PVC	UIP4016	6	\$18.00
1" CTS X 1" PVC	UIP4020	3	\$30.00

PVC TRANSITION SLIP TEES

1/2" CTS X 1/2" CTS X 1/2" PVC	UIP363	3	\$19.50
1/2" PVC X 1/2" PVC X 1/2" CTS	UIP364	3	\$22.50
3/4" CTS X 3/4" CTS X 3/4" PVC	UIP371	3	\$23.00
3/4" PVC X 3/4" PVC X 3/4" CTS	UIP372	3	\$27.50
1" CTS X 1" CTS X 1" PVC	UIP375	3	\$40.00
1" PVC X 1" PVC X 1" CTS	UIP376	3	\$43.50

PVC SLIP COUPLINGS

1/2" PVC X 1/2" PVC	UIP3008	3	\$26.00
3/4" PVC X 3/4" PVC	UIP3016	3	\$31.00
1" PVC X 1" PVC	UIP3020	2	\$42.00

PVC MALE CONNECTORS

1/2" PVC X 1/2" MNPT	UIP120	6	\$13.90
3/4" PVC X 3/4" MNPT	UIP134	6	\$17.00
1" PVC X 1" MNPT	UIP140	3	\$30.00

PVC CAPS

1/2"	UIP514	12	\$9.80
3/4"	UIP518	12	\$12.40
1"	UIP520	12	\$19.00

PVC DEPTH GAUGE AND DISCONNECT CLIPS

1/2"	UIP710	12	\$2.00
3/4"	UIP712	12	\$2.00
1"	UIP714	6	\$2.00

1-D: FIRE FITTINGS

ONLY SUITABLE FOR USE WITH SHARKBITE PEX PIPE

FIRE HORIZONTAL TEES

3/4" x 3/4" x 1/2" FNPT	UF12128H	3	\$60.00
1" x 3/4" x 1/2" FNPT	UF16128H	3	\$38.50
1" x 1" x 1/2" FNPT	UF16168H	3	\$65.00

FIRE VERTICAL TEES

3/4" x 3/4" x 1/2" FNPT	UF12128V	3	\$60.00
1" x 3/4" x 1/2" FNPT	UF16128V	3	\$65.00
1" x 1" x 1/2" FNPT	UF16168V	3	\$65.00

PRODUCT DESCRIPTION	PART NUMBER	QTY/ BAG	LIST PRICE
FIRE DROP-EAR ELBOWS			
3/4" x 1/2" FNPT	UF128U	3	\$27.50
1" x 1/2" FNPT	UF168U	3	\$29.50
FIRE THREADED FEMALE ADAPTERS			
3/4" x 1/2" FNPT	UF128S	3	\$27.50
FIRE ANGLED ADAPTERS			
3/4" x 3/4" x 1/2" FNPT	UF12128A	3	\$41.00
FIRE FEMALE ELBOWS			
3/4" x 1/2" FNPT Left	UF128L	3	\$27.50
3/4" x 1/2" FNPT Right	UF128R	3	\$27.50
1" x 1/2" FNPT Left	UF168L	3	\$29.50
1" x 1/2" FNPT Right	UF168R	3	\$29.50



1-E: FLEX HOSES			
STAINLESS STEEL BRAIDED WATER HEATER CONNECTORS			
1/2" x 3/4" FIP, 12"	U3068FLEX12LF	12	\$22.50
1/2" x 3/4" FIP, 15"	U3068FLEX15LF	12	\$23.50
1/2" x 3/4" FIP, 18"	U3068FLEX18LF	12	\$24.50
1/2" x 3/4" FIP, 24"	U3068FLEX24LF	12	\$26.50
3/4" x 3/4" FIP, 12"	U3088FLEX12LF	12	\$22.50
3/4" x 3/4" FIP, 15"	U3088FLEX15LF	12	\$23.50
3/4" x 3/4" FIP, 18"	U3088FLEX18LF	12	\$24.50
3/4" x 3/4" FIP, 24"	U3088FLEX24LF	12	\$26.50
STAINLESS STEEL CORRUGATED WATER HEATER CONNECTORS			
3/4" x 3/4" FIP, 12"	SS3088FLEX12LF	12	\$22.50
3/4" x 3/4" FIP, 18"	SS3088FLEX18LF	12	\$24.50
3/4" x 3/4" FIP, 24"	SS3088FLEX24LF	12	\$26.50
3/4" x 1" FIP, 24"	SS3086FLEX24LF	6	\$26.50
1" x 1" FIP, 24"	SS3094FLEX24LF	6	\$26.50
1" x 3/4" FIP, 24"	SS3096FLEX24LF	6	\$26.50
STAINLESS STEEL BRAIDED WATER HEATER CONNECTORS WITH BALL VALVES			
1/2" x 3/4" FIP, 18"	U3068FLEX18BVL	12	\$44.50
3/4" x 3/4" FIP, 18"	U3088FLEX18BVL	12	\$51.00
STAINLESS STEEL CORRUGATED WATER HEATER CONNECTORS WITH BALL VALVES			
1/2" x 3/4" FIP, 18"	SS3068FLEX18BV	12	\$44.50
3/4" x 3/4" FIP, 18"	SS3088FLEX18BV	12	\$51.00
STAINLESS STEEL CORRUGATED WATER HEATER CONNECTORS KIT			
Kit contains one 3/4" FIP x 3/4" SB x 18" hose, one 3/4" FIP x 3/4" SB ball valve x 18" hose, and one 3/4" disconnect clip	24680	3	\$68.00
STAINLESS STEEL BRAIDED WATER COUPLING HOSE			
1/2" x 1/2", 18"	U3008FLEX18LF	12	\$24.50
3/4" x 3/4", 18"	U3016FLEX18LF	12	\$24.50
STAINLESS STEEL BRAIDED WATER SOFTENER CONNECTOR			
3/4" x 1" FIP, 24"	U3086FLEX24LF	6	\$26.50

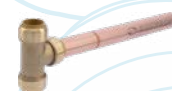
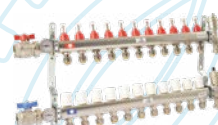
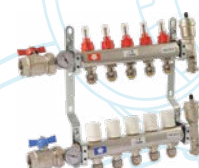




PRODUCT DESCRIPTION	PART NUMBER	QTY/ BAG	LIST PRICE
1-F: STOPS & FIXTURE SUPPLY FITTINGS			
ANGLE STOPS			
1/2" X 3/8" Compression	23036-0000LF	12	\$17.00
1/2" X 3/8" Compression Loose Key	24731LF	6	\$20.00
1/2" X 1/4" (3/8" OD)	23048-0000LF	6	\$17.00
1/2" X 1/4" (3/8" OD) Loose Key	24733LF	6	\$20.00
1/2" X 1/4" Compression	23336-0000LF	6	\$17.00
1/2" x 1/2" MIP	24946	6	\$16.50
STRAIGHT STOPS			
1/2" X 3/8" Compression	23037-0000LF	12	\$17.00
1/2" X 3/8" Compression Loose Key	24732LF	6	\$20.00
1/2" X 1/4" (3/8" OD)	23049-0000LF	6	\$17.00
1/2" X 1/4" (3/8" OD) Loose Key	24734LF	6	\$20.00
1/2" X 1/4" Compression	23337-0000LF	6	\$17.00
1/2" x 1/2" MIP	24947	6	\$16.50
TEE STOPS			
1/2" X 1/2" X 1/4" Compression	24983	6	\$29.50
1/2" X 1/2" X 3/8" Compression	24984	6	\$29.50
3/4" X 3/4" X 1/4" Compression	24985	6	\$32.50
3/4" X 3/4" X 3/8" Compression	24986	6	\$32.50
1/2" X 1/2" X 1/4" (3/8" OD)	24987	6	\$29.50
DUAL OUTLET STOP			
1/2" Angle Stop X 3/8" X 3/8" OD Comp Dual Outlet Stop	25558LF	6	\$18.00
DUAL TEE STOP VALVE ADAPTERS			
1/2" CTS X 1/2" CTS X 1/2" (CTS ends insert into any 1/2" SB fitting. Recommended use with Angle/Straight Stops.)	U782LF	6	\$17.00
STOP VALVE CONNECTORS			
1/4" (3/8" OD) X 3/8" Compression Stop Valve Connector (Converts 3/8" comp stop to SharkBite)	U3523LF	6	\$7.00
1/4" (3/8" OD) X 1/4" Compression Nut	U3524LF	6	\$7.00
STOP VALVE TEE ADAPTERS			
1/4" (3/8" OD) X 1/4" (3/8" OD) X 3/8" Compression	U3358LF	6	\$12.40
1/4" (3/8" OD) X 1/4" (3/8" OD) X 1/4" (3/8" OD) Tube	U4358LF	6	\$13.30
FAUCET CONNECTORS			
1/4" (3/8" OD) X 1/2" NPSM	U3525LF	6	\$7.70
TOILET CONNECTORS			
1/4" (3/8" OD) X 7/8" Ballcock Threads Toilet Connector	U3531LF	6	\$7.70
1/4" (3/8" OD) X 7/8" Ballcock Threads Toilet Elbow	U3537LF	6	\$7.70
ANGLE STOP SUPPLY LINES			
1/2" X 7/8" Ballcock Click Seal® Toilet Connector x 12"*	24656	6	\$23.00
1/2" X 1/2" NPSM ClickSeal® Faucet Connector x 20"*	24657	6	\$24.50

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

PRODUCT DESCRIPTION	PART NUMBER	QTY/ BAG	LIST PRICE
1-G: ADDITIONAL PRODUCTS			
MANIFOLDS WITH PUSH-TO-CONNECT BRANCHES			
Manifold Bracket Set (for 1"-1.5" diameter manifolds)	25484Z	1	\$35.50
3/4" x 1/2" Outlet 3-Port Manifold - Open	25552LF	3	\$41.50
3/4" x 1/2" Outlet 3-Port Manifold - Closed	25553LF	3	\$41.50
3/4" x 1/2" Outlet 4-Port Manifold - Open	25554LF	3	\$52.00
3/4" x 1/2" Outlet 4-Port Manifold - Closed	25555LF	3	\$52.00
RADIANT HEATING MANIFOLDS (1" FNPT X 1/2" SHARKBITE PEX LOOPS)			
3 Loop	24930	1	\$445.00
4 Loop	24931	1	\$500.00
5 Loop	24932	1	\$540.00
6 Loop	24933	1	\$570.00
7 Loop	24934	1	\$690.00
8 Loop	24935	1	\$770.00
9 Loop	24936	1	\$840.00
10 Loop	24937	1	\$890.00
11 Loop	24938	1	\$950.00
12 Loop	24939	1	\$1,030.00
13 Loop	24940	1	\$1,100.00
SHARKBITE RADIANT MANIFOLD ACTUATORS (4-WIRE, WITH END SWITCH)			
SharkBite Radiant Manifold Actuator	24963	1	\$76.00
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	\$45.50
1/2" Commercial	22631LF	1	\$45.50
3/4" Residential	22632LF	1	\$55.00
1" Commercial	22633LF	1	\$114.00
STUB OUT ELBOWS			
1/2" SB X 1/2" Copper Tube 8" Length	U351LFA	6	\$24.00
PRESSURE GAUGES			
1/2" SB Tee with Pressure Gauge	24436	1	\$38.00
3/4" SB Tee with Pressure Gauge	24438	1	\$41.50
3/4" SB Pressure Gauge in Retail Packaging	24438A	5	\$41.50
1" SB Tee with Pressure Gauge	24440	1	\$62.00
1/2" CTS Pressure Gauge (inserts into any 1/2" SB fitting)	24442	1	\$23.00
3/4" CTS Pressure Gauge (inserts into any 3/4" SB fitting)	24444	1	\$23.00
TEMPERATURE GAUGES			
1/2" SB Tee with Temperature Gauge	24437	1	\$68.00
3/4" SB Tee with Temperature Gauge	24439	1	\$71.00
1" SB Tee with Temperature Gauge	24441	1	\$92.00
1/2" CTS Temperature Gauge (inserts into any 1/2" SB fitting)	24443	1	\$43.50
3/4" CTS Temperature Gauge (inserts into any 3/4" SB fitting)	24445	1	\$43.50
PUSH-TO-CONNECT HOME RUN MANIFOLDS			
12 Port with Brass Valves	PM012SB	1	\$255.00
24 Port with Brass Valves	PM024SB	1	\$430.00

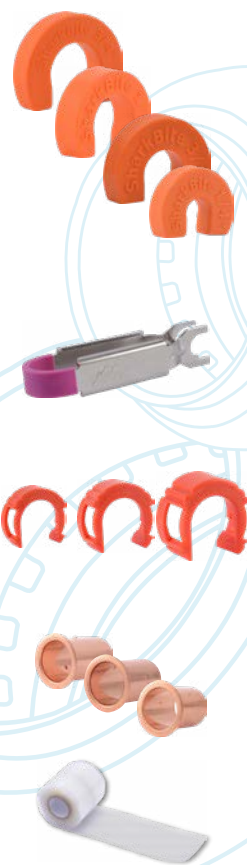


PRODUCT DESCRIPTION		PART NUMBER	QTY/ BAG	LIST PRICE
1-H: KITS				
WATER HEATER INSTALLATION KITS (KITS INCLUDE 2 SHARKBITE CONNECTOR FITTINGS AND A DISCONNECT CLIP)				
1/2" X 3/4" FNPT		22604LF	12	\$24.00
3/4" X 3/4" FNPT		22441LF	12	\$24.00
CONTRACTOR KITS (KIT INCLUDES TOOLBOX)				
Kit Contains 2 each (U008LF, U016LF, U058LF, U072LF, U088LF, U120LF, U134LF, U248LF, U256LF) and 1 each (U362LF, U370LF, U514LF, U518LF, U710, U711, U713 and U702)		22486LF	1	\$320.00
Contractor Tool Box Only		U3001A	1	\$78.00
FAUCET CONNECTION KIT IN BAGGED PACKAGING (FAUCET KITS COME WITH 2 FAUCET CONNECTORS, 2 ANGLE STOPS, AND 1 COIL OF 10' 1/4" WHITE PEX PIPE)				
Faucet Connector with Angle Stop		25087	3	\$51.00
Faucet Connector with Straight Stop		25538	3	\$51.00
TOILET CONNECTION KIT IN BAGGED PACKAGING (TOILET KITS COME WITH 1 TOILET CONNECTOR, 1 ANGLE STOP, AND 1 COIL OF 5' 1/4" WHITE PEX PIPE.)				
Toilet Connector with Angle Stop		25088	6	\$29.50
Toilet Connector with Straight Stop		25539	3	\$29.50
ICE MAKER CONNECTION 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	\$51.00
DISHWASHER INSTALLATION KIT IN BAGGED PACKAGING (DISHWASHER KIT COMES WITH 1 DUAL OUTLET STOP, 1 STOP VALVE CONNECTOR, 1 DISHWASHER ELBOW, 1 GARDEN HOSE NUT)				
Dishwasher Installation Kit		25568	3	\$55.00
SHOWER/TUB INSTALLATION KIT IN BAGGED PACKAGING				
KIT Contains 2 Drop Ear Elbows, 2 Female Connectors, 2 Female Elbows and 1 Disconnect Clip		25567	3	\$64.00
WATER FILTER INSTALLATION KIT IN BAGGED PACKAGING (WATER FILTER KIT COMES WITH 1 SLIP COUPLING, 1 MALE CONNECTOR, AND 1 DISCONNECT CLIP)				
Kit Contains 1 - 3/4" Slip Connector, 1 - 3/4" Male Connector, and 1 - 3/4" Disconnect Clip		25561	6	\$32.50
Kit Contains 1 - 1" Slip Connector, 1 - 1" Male Connector, and 1 - 1" Disconnect Clip		25562	6	\$45.50
ICE MAKER OUTLET BOX				
1/2" SB X 1/4" Compression		25096	1	\$34.50
1/2" SB X 1/4" Compression with Water Hammer Arrestor		25097	1	\$62.00
WASHING MACHINE OUTLET BOX				
1/2" SB X 3/4" MHT		25098	1	\$52.00
1/2" SB X 3/4" MHT with Water Hammer Arrestor		25099	1	\$94.00
FACEPLATE REPLACEMENTS				
Ice Maker Box Replacement Faceplate for 25032, 25033, 25096, 25097		25478	1	\$4.60
Washing Machine Box Replacement Faceplate for 24763, 25031, 25098, 25099		25464	1	\$5.20
WASHING MACHINE VALVES				
1/2" X 3/4" MHT Straight Valve		25559LF	6	\$12.90
1/2" X 3/4" MHT Angle Valve		25560LF	6	\$12.90

1-I: TOOLS

DEBURR & GAUGE TOOLS				
LARGE DIAMETER	Use for 1/4", 3/8", 1/2", 5/8", 3/4" and 1" copper and CPVC pipe	U702	1	\$20.50
	Use for 1-1/4", 1-1/2", 2"	UXLG03	1	\$36.00

PRODUCT DESCRIPTION		PART NUMBER	QTY/ BAG	LIST PRICE
DISCONNECT CLIPS				
1/4"		U706	12	\$2.00
3/8"		U708	24	\$2.00
1/2"		U710	24	\$2.00
5/8"		U3712	24	\$2.00
3/4"		U712	24	\$2.00
1"		U714	12	\$2.00
DISCONNECT TONGS				
1/2"		U711	1	\$10.30
3/4"		U713	1	\$10.30
1"		U715	1	\$10.30
DE-MOUNT CLIPS				
LARGE DIAMETER	1-1/4"	UXLDC35	1	\$7.30
	1-1/2"	UXLDC41	1	\$10.90
	2"	UXLDC54	1	\$14.00
LARGE DIAMETER PEX STIFFENERS				
LARGE DIAMETER	1-1/4"	SBTL35	1	\$3.40
	1-1/2"	SBTL41	1	\$5.00
	2"	SBTL54	1	\$6.50
WRAP FOR FITTING BURIAL				
10' x 2" X 0.02" Silicone Wrap		25406	1	\$14.00



SECTION 2: SHARKBITE VALVES

2-A: PRESSURE REGULATING VALVES

EB45 LEAD FREE SHARKBITE CONNECTIONS (ALL EB45 VALVES FACTORY SET AT 45 PSI UNLESS SPECIFIED)

1/2" EB45-DSB Direct SharkBite	23807-0045	1	\$134.00
1/2" EB45-SDSB Slip Feature Direct SharkBite	24383-0045	1	\$164.00
1/2" EB45-DUSB Double Union SharkBite	23893-0045	1	\$164.00
3/4" EB45-DSB Direct SharkBite	23808-0045	1	\$138.00
3/4" EB45-SDSB Slip Feature Direct SharkBite	24384-0045	1	\$168.00
3/4" EB45-DUSB Double Union SharkBite	23894-0045	1	\$168.00
3/4" EB45 Double Union SharkBite (60 psi setting)	23896-0060	1	\$184.00
3/4" EB45-DUSB Double Union SharkBite with Gauge	24449-0045	1	\$184.00
1" EB45-DSB Direct SharkBite	22675-0045	1	\$184.00
1" EB45-DUSB Double Union SharkBite	23358-0045	1	\$220.00
1" EB45-DUSB Double Union SharkBite (60 psi setting)	23945-0060	1	\$240.00

EB25 LEAD FREE SHARKBITE CONNECTIONS

3/4" EB25-DUSB Double Union SharkBite	23955-0045	1	\$200.00
1" EB25-DUSB Double Union SharkBite	23956-0045	1	\$265.00

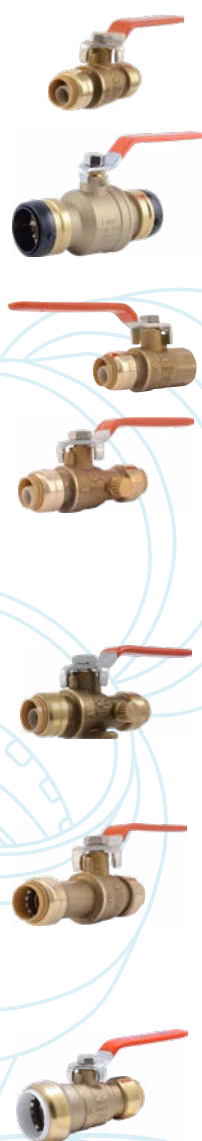
A-89 BOILER FEED VALVES

1/2" A-89 Direct SharkBite	25521Z	1	\$84.00
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PRODUCT DESCRIPTION	PART NUMBER	QTY/ BAG	LIST PRICE
2-B: THERMOSTATIC MIXING VALVES			
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	\$200.00
3/4" HG110-D with Integrated SharkBite Connections and Integral Checks	24549	1	\$200.00
1/2" HG110-D with SharkBite Union Connections	24504	1	\$178.00
3/4" HG110-D with SharkBite Union Connections	24505	1	\$180.00
HG160 LEAD FREE (ASSE 1069 & 1070, CSA B 125.3. IN-LINE)			
1/2" HG160 with SharkBite Connections	24529	1	\$190.00
3/4" HG160 with SharkBite Connections	24530	1	\$192.00
HG110-HX			
3/4" HG110-HX with SharkBite Connections and Integral Checks	24867	1	\$180.00



2-C: BALL VALVES				
BALL VALVES				
1/2" X 1/2"		22222-0000LF	12	\$23.50
3/4" X 3/4"		22185-0000LF	12	\$29.50
1" X 1"		22223-0000LF	6	\$40.50
LARGE DIAMETER	1-1/4"	UXLBV35	1	\$71.00
	1-1/2"	UXLBV41	1	\$134.00
	2" x 2"	UXLBV54	1	\$172.00
BALL VALVES WITH FNPT CONNECTORS				
1/2" X 1/2" FNPT		22182-0000LF	6	\$23.50
3/4" X 3/4" FNPT		22186-0000LF	6	\$29.50
1" X 1" FNPT		22187-0000LF	3	\$40.50
BALL VALVES WITH DRAIN/VENT				
1/2" x 1/2" x 1/8" NPSM Drain Thread		22304-0000LF	12	\$25.50
3/4" x 3/4" 1/8" NPSM Drain Thread		22305-0000LF	12	\$32.50
1" x 1" 1/8" NPSM Drain Thread		22306-0000LF	6	\$44.50
BALL VALVE WITH DRAIN/VENT AND MOUNTING BRACKET				
1/2" x 1/2" 1/8" NPSM Drain Thread		24615-0000LF	12	\$25.50
3/4" x 3/4" 1/8" NPSM Drain Thread		24616-0000LF	6	\$32.50
1" x 1" 1/8" NPSM Drain Thread		24617-0000LF	6	\$44.50
Replacement Drain Cap 1/8" NPSM		24377	1	\$0.70
SLIP BALL VALVE (ONLY SUITABLE FOR COPPER AND CPVC)				
1/2" x 1/2"		24735LF	6	\$34.00
3/4" x 3/4"		24736LF	6	\$43.00
1" x 1"		24737LF	3	\$66.00

2-D: PVC BALL VALVES			
PVC BALL VALVES			
3/4" PVC X 3/4" CTS	25550LF	6	\$32.50
1" PVC X 3/4" CTS	25551LF	6	\$34.50

PRODUCT DESCRIPTION	PART NUMBER	QTY/ BAG	LIST PRICE
2-E: CHECK VALVES			
CHECK VALVES			
1/2" X 1/2"	U2008-0000LF	6	\$26.50
3/4" X 3/4"	U2016-0000LF	6	\$31.00
1" X 1"	U2020-0000LF	3	\$65.00
DUAL CHECK VALVES (ASSE 1024 & CSA B64.6)			
3/4" BF1, Dual Check, SharkBite Inlet & Outlet	BF13434SB	1	\$59.00
1" BF1, Dual Check, SharkBite Inlet & Outlet	BF10101SB	1	\$69.00
1" X 3/4" BF5, Dual Check, Meter Swivel Nut Inlet, SharkBite Outlet	BF5M0134SB	1	\$65.00
1-1/4" X 1" BF5, Dual Check, Meter Swivel Nut Inlet, SharkBite Outlet	BF5M1401SB	1	\$74.00

2-F: TEMPERATURE & PRESSURE RELIEF VALVES			
TEMPERATURE & PRESSURE RELIEF VALVES			
3/4" NCLX-5LX with SharkBite Outlet Connection	24609-0150	1	\$37.00

2-G: GENERAL SUPPLY VALVES			
GATE VALVE WITH DRAIN			
1/2" x 1/2"	24634LF	12	\$18.50
3/4" x 3/4"	24635LF	12	\$20.50
HOSE BIBBS			
1/2" x 3/4" MHT 90 Deg Hose Bibb – Quarter Turn	24620LF	6	\$17.00
3/4" x 3/4" MHT 90 Deg Hose Bibb – Quarter-Turn	24621LF	6	\$19.50
1/2" x 3/4" MHT 90 Deg Hose Bibb – Multi-Turn	24626LF	6	\$12.40
3/4" x 3/4" MHT 90 Deg Hose Bibb - Multi-Turn	24627LF	6	\$13.50
1/2" x 3/4" MHT No-Kink 45 Deg Hose Bibb – Quarter Turn	24630LF	6	\$18.00
3/4" x 3/4" MHT No-Kink 45 Deg Hose Bibb – Quarter-Turn	24631LF	6	\$19.50
1/2" x 3/4" MHT No-Kink 45 Deg Hose Bibb – Multi-Turn	24632LF	6	\$15.50
3/4" x 3/4" MHT No-Kink 45 Deg Hose Bibb - Multi-Turn	24633LF	6	\$17.00
GARDEN VALVES			
1/2" x 3/4" MHT	24622LF	6	\$17.00
3/4" x 3/4" MHT	24623LF	6	\$18.50
ANTI-SIPHON FROST-FREE SILLCOCK			
1/2" x 3/4" MHT 8"	24628LF	4	\$47.50
1/2" x 3/4" MHT 10"	24629LF	4	\$49.50
1/2" x 3/4" MHT 12"	24636LF	4	\$54.00
1/2" x 3/4" MHT 15"	24637LF	4	\$62.00
1/2" x 3/4" MHT 18"	24638LF	4	\$76.00



PRODUCT DESCRIPTION		PART NUMBER	QTY/ BAG	LIST PRICE
SECTION 3: SHARKBITE PEX BARB FITTINGS				
3-A: PEX BARB CORE FITTINGS				
COUPLINGS				
3/8" x 3/8"		UC006LF	10	\$1.60
1/2" x 1/2"		UC008LF	25	\$1.60
5/8" x 5/8"		UC012LF	10	\$2.20
3/4" x 3/4"		UC016LF	25	\$2.20
1" x 1"		UC020LF	10	\$4.00
LARGE DIAMETER	1-1/4"	UC0135	20	\$10.20
	1-1/2"	UC0141	20	\$17.00
	2" x 2"	UC0154	15	\$27.50
REDUCING COUPLINGS				
3/8" X 1/2"		UC009LF	10	\$1.60
1/2" X 3/4"		UC058LF	25	\$2.20
3/4" X 5/8"		UC057LF	10	\$2.20
3/4" X 1"		UC060LF	25	\$4.00
LARGE DIAMETER	1-1/4" x 3/4"	UC013522	20	\$10.20
	1-1/4" x 1"	UC013528	20	\$10.20
	1-1/2" x 3/4"	UC014122	15	\$17.00
	1-1/2" x 1"	UC014128	20	\$17.00
	1-1/2" x 1-1/4"	UC014135	20	\$17.00
	2" x 1-1/2"	UC015441	20	\$27.50
THREADED FEMALE ADAPTERS				
1/2" X 3/4" FNPT		UC068LF	25	\$4.40
1/2" X 1/2" FNPT		UC072LF	25	\$3.20
3/4" X 3/4" FNPT		UC088LF	25	\$4.40
1" X 1" FNPT		UC094LF	10	\$7.90
THREADED MALE ADAPTERS				
3/8" X 1/2" MNPT		UC118LF	10	\$2.80
1/2" X 1/2" MNPT		UC120LF	25	\$2.80
1/2" X 3/4" MNPT		UC116LF	25	\$4.00
3/4" X 1/2" MNPT		UC138LF	25	\$4.00
3/4" X 3/4" MNPT		UC134LF	25	\$4.00
3/4" X 1" MNPT		UC139LF	10	\$7.10
1" X 3/4" MNPT		UC142LF	10	\$7.10
1" X 1" MNPT		UC140LF	10	\$7.10
SWEAT FEMALE ADAPTERS				
1/2" X 1/2"		UC600LF	25	\$2.80
3/4" X 3/4"		UC606LF	25	\$4.00
1" X 1"		UC605LF	10	\$7.10
SWEAT MALE ADAPTERS				
1/2" X 1/2"		UC607LF	25	\$2.80
3/4" X 3/4"		UC608LF	25	\$4.00
1" X 1"		UC609LF	10	\$7.10

PRODUCT DESCRIPTION		PART NUMBER	QTY/ BAG	LIST PRICE
ELBOWS				
3/8" X 3/8"		UC246LF	10	\$2.20
1/2" X 1/2"		UC248LF	25	\$2.20
3/4" X 3/4"		UC256LF	25	\$3.00
1" X 1"		UC260LF	10	\$5.60
1-1/4" x 1-1/4"		UC0235	10	\$17.50
1-1/2" x 1-1/2"		UC0241	10	\$29.00
2" x 2"		UC0254	10	\$46.50
REDUCING ELBOWS				
1/2" X 3/8"		UC272LF	10	\$2.20
1/2" X 3/4"		UC274LF	25	\$3.00
3/4" X 5/8"		UC273LF	10	\$3.00
DROP-EAR ELBOWS				
1/2" X 1/2" FNPT Drop Ear		UC334LF	25	\$8.80
3/4" X 3/4" FNPT Drop Ear		UC340LF	25	\$12.60
3/4" X 1/2" FNPT Drop Ear		UC342LF	25	\$12.60
ADAPTER ELBOWS				
1/2" X 1/2" MNPT		UC280LF	25	\$4.40
1/2" X 3/4" MNPT		UC278LF	25	\$6.20
3/4" X 3/4" MNPT		UC286LF	25	\$6.20
3/4" X 3/4" Female Sweat		UC626LF	25	\$4.30
3/4" X 3/4" Male Sweat		UC628LF	25	\$4.30
TEES BULK PACKAGED				
3/8" X 3/8" X 3/8"		UC360LF	10	\$2.70
1/2" X 1/2" X 1/2"		UC362LF	25	\$2.70
3/4" X 3/4" X 3/4"		UC370LF	25	\$3.80
1" X 1" X 1"		UC374LF	10	\$6.70
LARGE DIAMETER	1-1/4"	UC0835	10	\$22.50
	1-1/2"	UC0841	5	\$37.50
	2" x 2"	UC0854	5	\$60.00
BULLNOSE TEES				
1/2" X 1/2" X 3/4" Bull Nose		UC408LF	25	\$3.80
3/4" X 3/4" X 1" Bull Nose		UC413LF	10	\$6.70
REDUCING TEES				
3/8" X 3/8" X 1/2"		UC364LF	10	\$2.70
1/2" X 3/8" X 3/8"		UC452LF	10	\$2.70
1/2" X 1/2" X 3/8"		UC363LF	10	\$2.70
1/2" X 3/8" X 1/2"		UC434LF	10	\$2.70
3/4" X 3/4" X 3/8"		UC417LF	10	\$3.80
3/4" X 3/4" X 1/2"		UC412LF	25	\$3.80
3/4" X 1/2" X 1/2"		UC454LF	25	\$3.80
3/4" X 1/2" X 3/4"		UC444LF	25	\$3.80
1" X 3/4" X 3/4"		UC414LF	10	\$6.70
1" X 1" X 1/2"		UC415LF	10	\$6.70
1" X 1" X 3/4"		UC416LF	10	\$6.70
1" X 3/4" X 1"		UC418LF	10	\$6.70





PRODUCT DESCRIPTION		PART NUMBER	QTY/ BAG	LIST PRICE
LARGE DIAMETER	1-1/4" x 1" x 1"	UC08352828	10	\$22.50
	1-1/4" x 1-1/4" x 1/2"	UC08353516	10	\$22.50
	1-1/4" x 1-1/4" x 3/4"	UC08353522	10	\$22.50
	1-1/4" x 1-1/4" x 1"	UC08353528	10	\$22.50
	1-1/2" x 1-1/2" x 1"	UC08413528	5	\$37.50
	1-1/2" x 1-1/2" x 1/2"	UC08414116	5	\$37.50
	1-1/2" x 1-1/2" x 3/4"	UC08414122	10	\$37.50
	1-1/2" x 1-1/2" x 1"	UC08414128	5	\$37.50
	1-1/2" x 1-1/2" x 1-1/4"	UC08414135	5	\$37.50
	2" x 2" x 1/2"	UC08545416	5	\$60.00
	2" x 2" x 3/4"	UC08545422	5	\$60.00
	2" x 2" x 1"	UC08545428	5	\$60.00
	2" x 2" x 1-1/2"	UC08545441	5	\$60.00
SWIVEL ADAPTERS				
3/8" X 3/8" NPSM		UC527LF	10	\$3.20
1/2" X 1/2" NPSM		UC526LF	25	\$3.20
1/2" X 3/4" NPSM		UC534LF	25	\$6.60
3/4" X 3/4" NPSM		UC530LF	25	\$6.60
3/4" X 1" NPSM		UC529LF	10	\$12.10
1" X 1" NPSM		UC594LF	10	\$7.90
SWIVEL ELBOWS				
3/8" X 1/2" NPSM		UC531LF	10	\$3.30
1/2" X 1/2" NPSM		UC532LF	25	\$3.30
SWIVEL TOILET CONNECTION ELBOWS				
1/2" X 7/8" BC Straight		UC528LF	10	\$4.40
3/8" X 7/8" BC Elbow		23068LF	6	\$4.60
1/2" X 7/8" BC Elbow		23067LF	6	\$4.60
PLUGS				
3/8"		UC512LF	10	\$0.95
1/2"		UC514LF	25	\$0.95
3/4"		UC518LF	25	\$1.30
1"		UC520LF	10	\$2.40
LARGE DIAMETER	1-1/4"	UC0435	40	\$8.10
	1-1/2"	UC0441	30	\$13.40
	2"	UC0454	20	\$21.50

3-B: PEX BARB TRANSITION FITTINGS

POLYBUTYLENE TRANSITION COUPLINGS (WITH PB CRIMP RING)

3/8" x 3/8"	UC4006LF	10	\$2.80
1/2" x 1/2"	UC4008LF	25	\$2.80
3/4" x 3/4"	UC4016LF	25	\$4.00

PRODUCT DESCRIPTION	PART NUMBER	QTY/ BAG	LIST PRICE
3-C: PEX BARB POLY ALLOY FITTINGS			
COUPLINGS			
1/2" x 1/2"	UP008	25	\$0.75
3/4" x 3/4"	UP016	25	\$1.05
1" x 1"	UP020	25	\$1.90
REDUCING COUPLINGS			
3/4" X 1/2"	UP058	25	\$0.75
1" X 3/4"	UP060	25	\$1.90
CONNECTORS			
1/2" X 1/2" MNPT	UP120	25	\$1.35
3/4" X 3/4" MNPT	UP134	25	\$1.90
1" X 1" MNPT	UP140	25	\$3.40
3/4" X 1/2" MNPT	UP138	25	\$1.90
ELBOWS			
1/2 x 1/2"	UP248	25	\$1.05
3/4" x 3/4"	UP256	25	\$1.45
1" x 1"	UP260	25	\$2.60
MALE ELBOWS			
1/2" X 1/2" MNPT	UP280	25	\$2.10
REDUCING ELBOWS			
3/4" X 1/2"	UP274	25	\$1.45
TEES			
3/8" x 3/8" x 3/8"	UP360	10	\$1.30
1/2" x 1/2" x 1/2"	UP362	25	\$1.30
3/4" x 3/4" x 3/4"	UP370	25	\$1.80
1" x 1" x 1"	UP374	25	\$3.20
REDUCING TEES			
1/2" X 1/2" X 3/4"	UP408	25	\$1.80
3/4" X 1/2" X 1/2"	UP454	25	\$1.80
3/4" X 3/4" X 1/2"	UP412	25	\$1.80
3/4" X 1/2" X 3/4"	UP444	25	\$1.80
1" X 3/4" X 3/4"	UP414	25	\$3.20
1" X 1" X 1/2"	UP415	25	\$3.20
1" X 1" X 3/4"	UP416	25	\$3.20
PLUGS			
1/2"	UP514	25	\$0.45
3/4"	UP518	25	\$0.65
1"	UP520	25	\$0.85
ADAPTERS			
1/2" X 1/2" NPSM	UP526	25	\$1.50
3/8" X 1/2" NPSM	UP527	10	\$1.50
1/2" X 1/2" NPSM Elbow	UP532	25	\$1.50





PRODUCT DESCRIPTION	PART NUMBER	QTY/ BAG	LIST PRICE
3-D: PEX BARB FIRE FITTINGS			
FIRE HORIZONTAL TEES			
3/4" x 3/4" x 1/2" FNPT	UCF12128H	1	\$50.00
1" x 3/4" x 1/2" FNPT	UCF16128H	1	\$62.00
1" x 1" x 1/2" FNPT	UCF16168H	1	\$62.00
FIRE VERTICAL TEES			
3/4" x 3/4" x 1" FNPT	UCF12128V	1	\$50.00
1" x 3/4" x 1/2" FNPT	UCF16128V	1	\$62.00
1" x 1" x 1/2" FNPT	UCF16168V	1	\$62.00
FIRE DROP-EAR ELBOWS			
3/4" x 1/2" FNPT	UCF128U	1	\$22.50
1" x 1/2" FNPT	UCF168U	1	\$28.50
FIRE THREADED FEMALE ADAPTERS			
3/4" x 1/2" FNPT	UCF128S	1	\$22.50
FIRE ANGLED ADAPTERS			
3/4" x 3/4" x 1/2" FNPT	UCF12128A	1	\$34.00
FIRE FEMALE ELBOWS			
3/4" x 1/2" FNPT Left	UCF128L	1	\$22.50
3/4" x 1/2" FNPT Right	UCF128R	1	\$22.50
1" x 1/2" FNPT Left	UCF168L	1	\$28.50
1" x 1/2" FNPT Right	UCF168R	1	\$28.50



3-E: PEX BARB STOPS & FIXTURE SUPPLY FITTINGS			
PEX CHROME PLATED QUARTER TURN ANGLE STOPS			
1/2" x 3/8" OD Compression (Quarter Turn)	23058LF	24	\$9.50
1/2" x 1/4" OD Compression (Quarter Turn)	23056LF	6	\$9.50
PEX CHROME PLATED QUARTER TURN STRAIGHT STOPS			
3/8" x 3/8" (Quarter Turn)	23382LF	6	\$9.50
1/2" x 3/8" OD Compression (Quarter Turn)	23057LF	24	\$9.50
PEX CHROME PLATED STRAIGHT STOPS			
1/2" x 3/8" Compression	23059LF	24	\$9.50
1/2" x 3/8"	23062LF	6	\$9.50
1/2" x 1/2" MPT	23061LF	6	\$9.50
1/2" x 1/2"	23063LF	12	\$9.50
PEX CHROME PLATED ANGLE STOPS			
1/2" x 3/8" Compression	23060LF	12	\$9.50
1/2" x 3/4" MHT	23064LF	6	\$13.10
PEX CHROME PLATED ANGLE DUAL OUTLET STOPS			
1/2" x 3/8" x 3/8" Compression Angle Stop	23066LF	6	\$11.60

3-F: PEX BARB ADDITIONAL PRODUCTS			
COPPER STUBOUT ELBOWS (ALL COPPER STUBOUT ELBOWS ARE LEAD FREE)			
1/2" x Closed (4" x 8")	22791	12	\$8.80
3/8" x 1/2" (4" x 4")	23069	6	\$7.70
1/2" x 1/2" (4" x 4")	23070	6	\$7.70

PRODUCT DESCRIPTION	PART NUMBER	QTY/ BAG	LIST PRICE
COPPER MANIFOLDS WITH BARB BRANCHES (1" TRUNK WITH 3/4" BARB INLETS & OUTLETS AND 1/2" BARB PORTS - 2" ON CENTER) LEAD FREE			
Manifold Bracket Set (for 1"-1.5" diameter manifolds)	25484Z	1	\$35.50
3 Port Closed	22783	1	\$26.50
3 Port Open	22784	1	\$26.50
4 Port Closed	22785	1	\$31.50
4 Port Open	22786	1	\$31.50
6 Port Closed	22787	1	\$37.00
6 Port Open	22788	1	\$37.00
8 Port Closed	22789	1	\$42.00
8 Port Open	22790	1	\$42.00
WATER HAMMER ARRESTORS (PROVIDES MAINTENANCE-FREE, CONTINUOUS PROTECTION AGAINST WATER HAMMER. CAN BE POSITIONED VERTICALLY OR HORIZONTALLY)			
1/2" Residential	25401	1	\$31.50
BARB HOME RUN MANIFOLDS			
12 Port with Brass Ball Valves	RM22712	1	\$225.00
24 Port with Brass Ball Valves	RM22724	1	\$380.00
12 Port with Poly Ball Valves	PM012UP	1	\$194.00
24 Port with Poly Ball Valves	PM024UP	1	\$305.00
BARB BALL VALVES			
1/2" x 1/2"	22461LF	12	\$10.10
3/4" x 3/4"	22462LF	12	\$14.20
1" x 1"	22463LF	6	\$25.00



3-G: PEX BARB ACCESSORIES

CLAMP RINGS (STAINLESS STEEL)			
3/8"	UC952	100	\$0.45
1/2"	UC953	100	\$0.45
5/8"	UC954	50	\$0.55
3/4"	UC955	100	\$0.60
1"	UC956	50	\$0.80
CRIMP RINGS (COPPER)			
3/8" (25 Pack)	23101CP25	6	\$10.20
3/8" (100 Pack)	23101CP100	6	\$38.00
1/2" (25 Pack)	23102CP25	24	\$10.20
1/2" (100 Pack)	23102CP100	6	\$38.00
3/4" (25 Pack)	23103CP25	12	\$12.90
3/4" (100 Pack)	23103CP100	6	\$48.50
1" (25 Pack)	23104CP25	6	\$19.50
CRIMP RINGS (COPPER)			
3/8"	23101	100	\$0.35
1/2"	23102	100	\$0.35
3/4"	23103	100	\$0.45
1"	23104	25	\$0.75





PRODUCT DESCRIPTION		PART NUMBER	QTY/ BAG	LIST PRICE
LARGE DIAMETER	1-1/4"	24676	50	\$1.35
	1-1/2"	24677	50	\$2.90
	2"	24678	20	\$5.30
PEX BEND SUPPORTS, SUSPENSION CLAMPS AND INSULATORS				
3/8" J Hook PEX Pipe Clamp (10 Pack)		23065	12	\$3.20
1/2" J Hook PEX Pipe Clamp (10 Pack)		23220	12	\$3.20
1/2" J Hook PEX Pipe Clamp (100 Pack)		23220Z100	5	\$0.00
3/4" J Hook PEX Pipe Clamp (10 Pack)		23221	12	\$3.20
1/2" Insulated Suspension Clamp (10 Pack)		23071A10	6	\$8.40
3/4" Insulated Suspension Clamp (10 Pack)		23072A10	6	\$8.90
1" Insulated Suspension Clamp (10 Pack)		23073A10	6	\$9.50
1/2" Pipe Insulator (10 Pack)		23074A10	6	\$10.50
3/4" Pipe Insulator (10 Pack)		23075A10	6	\$12.60
1" Pipe Insulator (10 Pack)		23076A10	6	\$17.00
1/2" Polymer Bend Support with mounting bracket		23050	12	\$2.70
3/4" Polymer Bend Support		23051	6	\$4.50
1/2" Metal Pipe Support		23053	12	\$3.70
3/4" Metal Pipe Support		23054	12	\$5.80
RADIANT INSTALLATION COMPONENTS				
3/8" - 1/2" PEX Wire Mesh Installation Clips (25 Pack)		25485Z25	6	\$11.00
3/8" - 1/2" PEX Foam Insulation Twist Clips (25 Pack)		25486Z25	6	\$13.10
3/8" - 1/2" PEX Conduit Slab Support Elbow		25490Z	10	\$4.70

3-H: PEX BARB TOOLS

PEX CRIMP TOOLS

1/2", 3/4" PEX Combo Crimp Tool	23251	1	\$136.00
3/8", 1/2", 3/4" PEX Pocket Crimp Tool	23383	1	\$63.00

PEX CRIMP TOOL KIT

3/8", 1/2", 3/4", 1" PEX Crimp Ring Tool Kit (Crimp Ring Gauge included)	23100	1	\$230.00
1-1/4", 1-1/2", 2" Crimp Tool	24675	1	\$445.00

PEX CLAMP TOOLS

PEX Clamp Tool One-hand Operation	UC961	1	\$136.00
PEX Clamp Tool Standard Handles	23081	1	\$126.00

PEX PIPE CUTTER

PEX Pipe Cutter	U701	1	\$20.00
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CRIMP RING GAUGE

3/8", 1/2", 3/4", 1" PEX Crimp Ring Gauge	23080	6	\$6.80
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CRIMP RING REMOVAL TOOL

PEX Crimp Ring Removal Tool	23055	6	\$47.50
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PEX DECOILER

PEX Decoiler	UFH034	1	\$710.00
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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. There is no risk of copper traces in water from breakdown of pipe that has been linked to heart disease and Alzheimer's.



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, testing at 100% chlorine at 140°F.



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

MADE IN THE USA

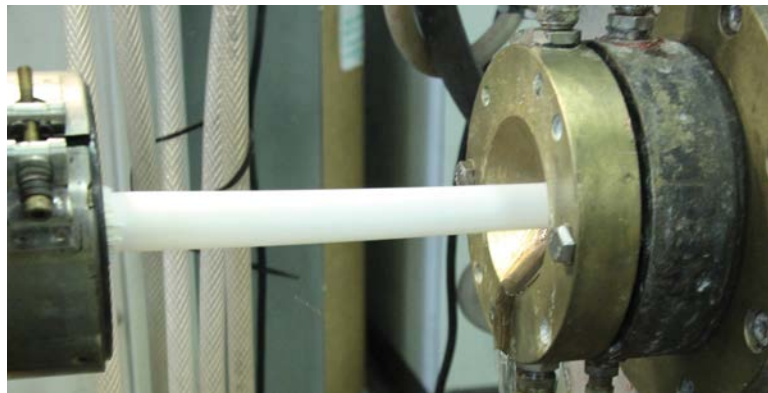
SharkBite PEX Pipe is a cost effective piping solution approved for use in both hot and cold plumbing installations. Meeting the highest chlorine resistance standards and utilizing the most energy efficient manufacturing processes, our PEX pipe is proudly produced in Alabama. We own our manufacturing process from start to finish, so every piece of SharkBite PEX Pipe is guaranteed from concept to delivery.

PEX pipe was introduced to North America in 1984 based on European market success, and was tested extensively for durability and material performance. All USA-installed PEX pipe must meet the qualification requirements as specified in the ASTM PEX Standards. SharkBite PEX Pipe can bend up to six times the outside diameter of the pipe—which is the maximum bend radius recommended by PEX pipe manufacturers.

SharkBite PEX Pipe can be used in a variety of applications including:

- Domestic plumbing
- Fire suppression systems (residential fire sprinklers)
- Municipal water service pipe for use in underground applications
- Radiant heating systems for suspended floor systems or in slab construction
- Snow and ice melt systems for sidewalks, driveways, entrances, and ramps
- Turf conditioning for greenhouses, golf courses, and sports fields
- Water reuse and reclamations systems

DISCOVER THE FLEXIBILITY OF SHARKBITE PEX PIPE.



PRODUCT DESCRIPTION	PART NUMBER	PART NUMBER	PART NUMBER	PACK/ QTY	LIST PRICE
SECTION 4: SHARKBITE PEX PIPE					
4-A: POTABLE WATER PEX PIPE					
PEX PIPE (COILS)	WHITE	RED	BLUE		
1/4" (3/8" OD) 50'	U850W50			1	\$20.00
1/4" (3/8" OD) 100'	U850W100				\$40.00
3/8" 50'	U855W50			1	\$22.50
3/8" 100'	U855W100	U855R100	U855B100	1	\$45.00
1/2" 25'	U860W25W	U860R25W	U860B25W	1	\$12.50
1/2" 50'	U860W50W	U860R50W	U860B50W	1	\$25.00
1/2" 100'	U860W100W	U860R100W	U860B100W	1	\$50.00
1/2" 300'	U860W300W	U860R300W	U860B300W	1	\$150.00
1/2" 500'	U860W500W	U860R500W	U860B500W	1	\$250.00
1/2" 1000'	U860W1000W	U860R1000W	U860B1000W	1	\$500.00
3/4" 25'	U870W25W	U870R25W	U870B25W	1	\$22.50
3/4" 50'	U870W50W	U870R50W	U870B50W	1	\$45.00
3/4" 100'	U870W100W	U870R100W	U870B100W	1	\$90.00
3/4" 300'	U870W300W	U870R300W	U870B300W	1	\$270.00
3/4" 500'	U870W500W	U870R500W	U870B500W	1	\$450.00
1" 100'	U880W100W	U880R100W	U880B100W	1	\$160.00
1" 300'	U880W300W	U880R300W	U880B300W	1	\$480.00
1" 500'	U880W500W	U880R500W	U880B500W	1	\$800.00
1-1/4" 100'	U885W100			1	\$300.00
1-1/2" 100'	U890W100			1	\$450.00
2" 100'	U895W100			1	\$850.00
PEX PIPE (STRAIGHT LENGTHS)	WHITE	RED	BLUE		
1/4" (3/8" OD) 5'	U850W5			20	\$2.00
3/8" 5'	U855W5			10	\$2.30
3/8" 10'	U855W10			10	\$4.50
1/2" 2'	U860W2	U860R2	U860B2	60	\$2.00
1/2" 5'	U860W5	U860R5	U860B5	10	\$2.50
1/2" 10'	U860W10	U860R10	U860B10	10	\$5.00
1/2" 20'	U860W20	U860R20	U860B20	10	\$10.00
3/4" 2'	U870W2	U870R2	U870B2	30	\$3.60
3/4" 5'	U870W5	U870R5	U870B5	10	\$4.50
3/4" 10'	U870W10	U870R10	U870B10	10	\$9.00
3/4" 20'	U870W20	U870R20	U870B20	10	\$18.00
1" 5'	U880W5	U880R5	U880B5	5	\$8.00
1" 10'	U880W10	U880R10	U880B10	5	\$16.00
1" 20'	U880W20	U880R20	U880B20	5	\$32.00
1-1/4" 20'	U885W20			5	\$60.00
1-1/2" 20'	U890W20			5	\$90.00
2" 20'	U895W20			3	\$170.00





PRODUCT DESCRIPTION	PART NUMBER	PACK/ QTY	LIST PRICE
4-B: SPECIAL APPLICATION PEX PIPE			
RECLAIMED WATER PEX PIPE (PURPLE COILS) FOR USE WITH NON-POTABLE WATER APPLICATIONS AND SHALL NOT BE INSTALLED IN UV-EXPOSED ENVIRONMENTS	RECLAIMED		
1/2" 100'	U860P100	1	\$60.00
1/2" 300'	U860P300	1	\$180.00
3/4" 100'	U870P100	1	\$110.00
3/4" 300'	U870P300	1	\$330.00
1" 100'	U880P100	1	\$190.00
1" 300'	U880P300	1	\$570.00
OXYGEN BARRIER PEX PIPE (ORANGE COILS)	OXYGEN BARRIER		
3/8" 100'	U8550100	1	\$70.00
3/8" 300'	U8550300	1	\$210.00
3/8" 500'	U8550500	1	\$350.00
1/2" 100'	U8600100	1	\$70.00
1/2" 300'	U8600300	1	\$210.00
1/2" 500'	U8600500	1	\$350.00
1/2" 1000'	U86001000	1	\$700.00
5/8" 300'	U8650300	1	\$300.00
3/4" 100'	U8700100	1	\$130.00
3/4" 300'	U8700300	1	\$390.00
3/4" 500'	U8700500	1	\$650.00
3/4" 1000'	U87001000	1	\$1,300.00
1" 100'	U8800100	1	\$225.00
1" 300'	U8800300	1	\$675.00
1" 500'	U8800500	1	\$1,125.00
OXYGEN BARRIER PEX PIPE (ORANGE STRAIGHT LENGTHS)	OXYGEN BARRIER		
1/2" 20'	U860020	10	\$14.00
3/4" 20'	U870020	10	\$26.00
1" 20'	U880020	5	\$45.00
1" 20'	U880020	5	\$45.00



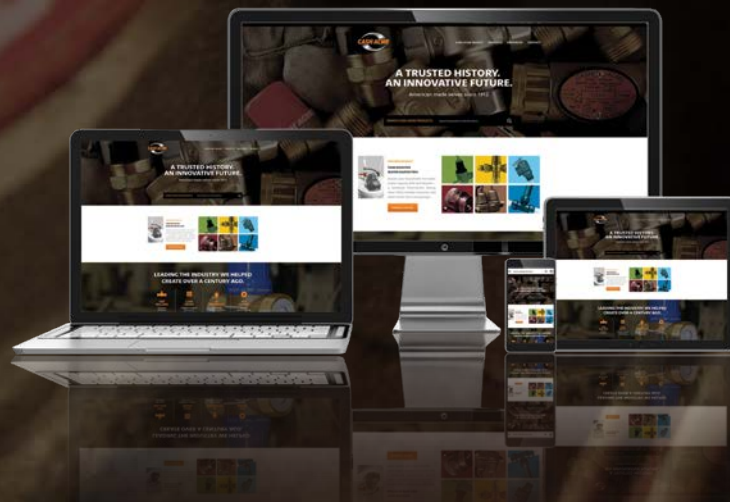


WATER CONTROL VALVES THAT STAND THE TEST OF TIME

In 1893, A.W. Cash designed a valve for U.S. Navy submarines. With the bottom of the sea as his testing ground, the valve became celebrated for its performance, reliability and dependability. Today, every water control valve we build is born from its DNA.

With more than 100 million valves produced and counting, Cash Acme is the world's largest volume T&P valve producer—and is a trusted manufacturer of water control valves to safeguard water delivery in residential, commercial and industrial settings.

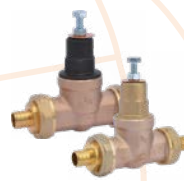
It's our commitment to quality that has driven a century of success with water control valves that stand the test of time. Proudly built in America for more than 100 years, Cash Acme's ISO 9001-certified quality assurance processes ensure that every valve that leaves our facility is 100% tested and meets all standards.



www.cashacme.com

PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG	LIST PRICE
SECTION 5: CASH ACME® PRESSURE REGULATING VALVES			
5-A: EB45			
EB45 LEAD FREE SHARKBITE CONNECTIONS (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
1/2" EB45-DSB Direct SharkBite	23807-0045	1	\$134.00
1/2" EB45-DSB Direct SharkBite Metal Top	24472-0045	1	\$148.00
1/2" EB45-SDSB Slip Feature Direct SharkBite	24383-0045	1	\$164.00
1/2" EB45-SDSB Slip Feature Direct SharkBite Metal Top	24474-0045	1	\$180.00
1/2" EB45-DUSB Double Union SharkBite	23893-0045	1	\$164.00
1/2" EB45-DUSB Double Union SharkBite Metal Top	24476-0045	1	\$180.00
3/4" EB45-DSB Direct SharkBite	23808-0045	1	\$138.00
3/4" EB45-DSB Direct SharkBite Metal Top	24473-0045	1	\$154.00
3/4" EB45-SDSB Slip Feature Direct SharkBite	24384-0045	1	\$168.00
3/4" EB45-SDSB Slip Feature Direct SharkBite Metal Top	24475-0045	1	\$184.00
3/4" EB45-DUSB Double Union SharkBite	23894-0045	1	\$168.00
3/4" EB45-DUSB Double Union SharkBite Metal Top	24477-0045	1	\$184.00
3/4" EB45 Double Union SharkBite (60 psi setting)	23896-0060	1	\$184.00
3/4" EB45-DUSB Double Union SharkBite with Gauge Port	24449-0045	1	\$184.00
1" EB45-DSB Direct SharkBite	22675-0045	1	\$184.00
1" EB45-DUSB Double Union SharkBite	23358-0045	1	\$220.00
1" EB45-DUSB Double Union SharkBite (60 psi setting)	23945-0060	1	\$240.00
EB45 LEAD FREE THREADED NPT (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
1/2" EB45 Threaded NPT	23880-0045	1	\$124.00
1/2" EB45 Threaded NPT Metal Top	24460-0045	1	\$136.00
3/4" EB45 Threaded NPT	23881-0045	1	\$126.00
3/4" EB45 Threaded NPT Metal Top	24461-0045	1	\$138.00
1" EB45 Threaded NPT	23164-0045	1	\$164.00
1-1/4" EB45 Threaded NPT	23166-0045	1	\$405.00
1-1/2" EB45 Threaded NPT	23167-0045	1	\$630.00
2" EB45 Threaded NPT	23160-0045	1	\$760.00
EB45-U LEAD FREE SINGLE UNION THREADED (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
1/2" EB45-U Single Union Threaded	23882-0045	1	\$138.00
1/2" EB45-U Single Union Threaded Metal Top	24462-0045	1	\$154.00
3/4" EB45-U Single Union Threaded	23883-0045	1	\$140.00
3/4" EB45-U Single Union Threaded Metal Top	24463-0045	1	\$156.00
3/4" EB45-U Union Inlet with Gauge	24446-0045	1	\$156.00
1" EB45-U Single Union Threaded	23155-0045	1	\$182.00
1" EB45-U Union Inlet with Gauge	24450-0045	1	\$200.00
1-1/4" EB45-U Single Union Threaded	23158-0045	1	\$450.00
1-1/2" EB45-U Single Union Threaded	23168-0045	1	\$700.00
2" EB45-U Single Union Threaded	23161-0045	1	\$840.00

PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG	LIST PRICE
EB45-C LEAD FREE SINGLE UNION SWEAT (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
1/2" EB45-C Single Union Sweat	23886-0045	1	\$138.00
1/2" EB45-C Single Union Sweat Metal Top	24466-0045	1	\$154.00
3/4" EB45-C Single Union Sweat	23887-0045	1	\$140.00
3/4" EB45-C Single Union Sweat Metal Top	24467-0045	1	\$156.00
3/4" EB45-C Valve Assy with Gauge	24447-0045	1	\$156.00
1" EB45-C Single Union Sweat	23165-0045	1	\$182.00
1" EB45-C Valve Assy with Gauge	24451-0045	1	\$200.00
1-1/4" EB45-C Single Union Sweat	23908-0045	1	\$450.00
1-1/2" EB45-C Single Union Sweat	23909-0045	1	\$700.00
2" EB45-C Single Union Sweat	23910-0045	1	\$840.00
EB45-DU LEAD FREE DOUBLE UNION THREADED (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
1/2" EB45-DU Double Union Threaded	23884-0045	1	\$154.00
1/2" EB45-DU Double Union Threaded Metal Top	24464-0045	1	\$168.00
3/4" EB45-DU Double Union Threaded	23885-0045	1	\$156.00
3/4" EB45-DU Double Union Threaded Metal Top	24465-0045	1	\$170.00
1" EB45-DU Double Union Threaded	23156-0045	1	\$200.00
1-1/4" EB45-DU Double Union Threaded	23905-0045	1	\$500.00
1-1/2" EB45-DU Double Union Threaded	23906-0045	1	\$780.00
2" EB45-DU Double Union Threaded	23907-0045	1	\$920.00
EB45-CC LEAD FREE DOUBLE UNION SWEAT (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
1/2" EB45-CC Double Union Sweat	23888-0045	1	\$154.00
1/2" EB45-CC Double Union Sweat Metal Top	24468-0045	1	\$168.00
3/4" EB45-CC Double Union Sweat	23889-0045	1	\$156.00
3/4" EB45-CC Double Union Sweat Metal Top	24469-0045	1	\$170.00
1" EB45-CC Double Union Sweat	23157-0045	1	\$200.00
1-1/4" EB45-CC Double Union Sweat	23159-0045	1	\$500.00
1-1/2" EB45-CC Double Union Sweat	23898-0045	1	\$780.00
2" EB45-CC Double Union Sweat	23899-0045	1	\$920.00
EB45-DUPE LEAD FREE DOUBLE UNION PEX ENDS (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
3/4" EB45-DUPE Double Union PEX Ends	23891-0045	1	\$156.00
3/4" EB45-DUPE Double Union PEX Ends Metal Top	24471-0045	1	\$170.00
1" EB45-DUPE Double Union PEX Ends	23942-0045	1	\$200.00
EB45-DUCPVC LEAD FREE DOUBLE UNION CPVC ENDS (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
3/4" EB45-DUCPVC Double Union CPVC Ends	23890-0045	1	\$156.00
3/4" EB45-DUCPVC Double Union CPVC Ends Metal Top	24470-0045	1	\$170.00
1" EB45-DUCPVC Double Union CPVC Ends	23941-0045	1	\$200.00
EB45 DOUBLE UNION BYPASS KITS			
1" EB45 Double Union Threaded NPT Temporary Bypass Kit	22937	1	\$47.50
1" EB45 Double Union SWT Temporary Bypass Kit	22938	1	\$47.50
1-1/4" EB45 Double Union Threaded NPT Temporary Bypass Kit	22942	1	\$106.00
1-1/4" EB45 Double Union SWT Temporary Bypass Kit	22943	1	\$106.00



PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG	LIST PRICE
5-B: EB25			
EB25 LEAD FREE SHARKBITE CONNECTIONS (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
3/4" EB25-DUSB Double Union SharkBite	23955-0045	1	\$200.00
1" EB25-DUSB Double Union SharkBite	23956-0045	1	\$265.00
EB25 LEAD FREE THREADED NPT (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
3/4" EB25 Threaded NPT Stainless Steel Valve	22263-0045	1	\$152.00
1" EB25 Threaded NPT Stainless Steel Valve	22266-0045	1	\$198.00
EB25-U LEAD FREE SINGLE UNION THREADED (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
1/2" EB25-U Single Union Threaded	23135-0045	1	\$166.00
3/4" EB25-U Single Union Threaded	23136-0045	1	\$168.00
1" EB25-U Single Union Threaded	23138-0045	1	\$220.00
1-1/4" EB25-U Single Union Threaded	23141-0045	1	\$550.00
1-1/2" EB25-U Single Union Threaded	23144-0045	1	\$840.00
2" EB25-U Single Union Threaded	23145-0045	1	\$1,010.00
EB25-C LEAD FREE SINGLE UNION SWEAT (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
1/2" EB25-C Single Union Sweat	23952-0045	1	\$166.00
3/4" EB25-C Single Union Sweat	23953-0045	1	\$168.00
1" EB25-C Single Union Sweat	23954-0045	1	\$220.00
1-1/4" EB25-C Single Union Sweat	23964-0045	1	\$550.00
1-1/2" EB25-C Single Union Sweat	23965-0045	1	\$840.00
2" EB25-C Single Union Sweat	23966-0045	1	\$1,010.00
EB25-DU LEAD FREE DOUBLE UNION THREADED (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
3/4" EB25-DU Double Union Threaded Stainless Steel Valve	22264-0045	1	\$186.00
1" EB25-DU Double Union Threaded Stainless Steel Valve	22267-0045	1	\$240.00
1-1/4" EB25-DU Double Union Threaded	23142-0045	1	\$600.00
1-1/2" EB25-DU Double Union Threaded	23967-0045	1	\$930.00
2" EB25-DU Double Union Threaded	23968-0045	1	\$1,110.00
EB25-CC LEAD FREE DOUBLE UNION SWEAT (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
3/4" EB25-CC Double Union Sweat	23137-0045	1	\$186.00
1" EB25-CC Double Union Sweat	23139-0045	1	\$240.00
1-1/4" EB25-CC Double Union Sweat	23143-0045	1	\$600.00
1-1/2" EB25-CC Double Union Sweat	23969-0045	1	\$930.00
2" EB25-CC Double Union Sweat	23970-0045	1	\$1,110.00
EB25-DUPE LEAD FREE DOUBLE UNION PEX ENDS (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
3/4" EB25-DUPE Double Union PEX Ends	23957-0045	1	\$186.00
1" EB25-DUPE Double Union PEX Ends	23140-0045	1	\$240.00

*While Supplies Last.

PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG	LIST PRICE
EB25 LEAD FREE CONTRACTOR KITS (VALVE BODY AND TEMPORARY CAP WITH STRAINER)			
3/4" EB25-U Single Union Threaded Contractor Kit	24395	1	\$74.00
1" EB25-U Single Union Threaded Contractor Kit	24396	1	\$126.00
1" EB25-C Single Union Sweat Contractor Kit	24397	1	\$126.00
1-1/4" EB25-U Single Union Threaded Contractor Kit	24398	1	\$250.00
1-1/4" EB25-C Single Union Sweat Contractor Kit	23147	1	\$250.00
EB25 LEAD FREE CARTRIDGE KIT (CARTRIDGE AND SCREEN FOR CONTRACTOR KITS)			
1/2"-1" EB25 Cartridge Kit	23148	1	\$95.00
1-1/4"-2" EB25 Cartridge Kit	23149	1	\$295.00
EB25 DIRECT BURIAL COVER KIT (INCLUDES PLASTIC COVER AND O-RING)			
1/2"-1" EB25 Direct Burial Cover Kit	22224	1	\$15.00
EB25 LEAD FREE STAINLESS STEEL THREADED NPT (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
3/4" EB25 Threaded NPT	22263-0045	1	\$152.00
1" EB25 Threaded NPT	22266-0045	1	\$198.00
EB25-DU LEAD FREE STAINLESS STEEL DOUBLE UNION THREADED (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)			
3/4" EB25-DU Double Union Threaded	22264-0045	1	\$186.00
1" EB25-DU Double Union Threaded	22267-0045	1	\$240.00
EB25 LEAD FREE MULTI-CARTRIDGE (FACTORY SET AT 55 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR.)			
2-1/2" EB25 Multi-Cartridge Threaded NPT	23994-0055	1	\$1,930.00
2-1/2" EB25 Multi-Cartridge Flanged	23996-0055	1	\$2,600.00
3" EB25 Multi-Cartridge Threaded NPT	23995-0055	1	\$2,750.00
3" EB25 Multi-Cartridge Flanged	23997-0055	1	\$3,710.00
4" EB25 Multi-Cartridge Flanged	23998-0055	1	\$4,430.00

5-C: E3

(FOR ADDITIONAL PRESSURE SETTINGS CONTACT CUSTOMER SERVICE. NONSTANDARD PRESSURE SETTINGS INCUR A 10% PRICE PREMIUM.)

E3 LEAD FREE THREADED NPT

(FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-70 PSI. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)

1/2" E3 Threaded NPT	24700-0045	1	\$480.00
3/4" E3 Threaded NPT	24703-0045	1	\$485.00
1" E3 Threaded NPT	24706-0045	1	\$630.00
1-1/4" E3 Threaded NPT	24709-0045	1	\$1,550.00
1-1/2" E3 Threaded NPT	24712-0045	1	\$2,430.00
2" E3 Threaded NPT	24715-0045	1	\$2,910.00

5-D: E41

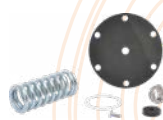
(FOR ADDITIONAL PRESSURE SETTINGS CONTACT CUSTOMER SERVICE. NONSTANDARD PRESSURE SETTINGS INCUR A 10% PRICE PREMIUM.)

E41 LEAD FREE THREADED NPT

(FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-70 PSI. ASSE 1003, CSA B356. LISTED BY IAPMO AND ASSE)

1/2" E41 Threaded NPT	24478-0045	1	\$400.00
3/4" E41 Threaded NPT	24480-0045	1	\$405.00
1" E41 Threaded NPT	24482-0045	1	\$530.00
1-1/4" E41 Threaded NPT	24484-0045	1	\$1,290.00
1-1/2" E41 Threaded NPT	24486-0045	1	\$2,020.00
2" E41 Threaded NPT	24487-0045	1	\$2,420.00





PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG	LIST PRICE
5-E: E56			
(FOR ADDITIONAL PRESSURE SETTINGS CONTACT CUSTOMER SERVICE. NONSTANDARD PRESSURE SETTINGS INCUR A 10% PRICE PREMIUM.)			
E56 LEAD FREE HIGH CAPACITY REGULATOR (FACTORY SET AT 45 PSI. CONTACT CUSTOMER SERVICE FOR ADDITIONAL PRESSURE SETTINGS.)			
2" E56 Threaded NPT	24454-0045	1	\$2,420.00
2" E56 Flanged	24457-0045	1	\$3,270.00
2-1/2" E56 Threaded NPT	24455-0045	1	\$2,860.00
2-1/2" E56 Flanged	24458-0045	1	\$3,850.00
3" E56 Threaded NPT	24456-0045	1	\$4,060.00
3" E56 Flanged	24459-0045	1	\$5,480.00

5-F: EB75			
(FOR ADDITIONAL PRESSURE SETTINGS CONTACT CUSTOMER SERVICE)			
EB75 NON-POTABLE PRESSURE REGULATORS FOR WATER & AIR			
1/2" EB75 FPT X FPT (Valve is not a cartridge based design; 0-20 psi range)	20658-0005	1	\$67.00
3/4" EB75 FPT X FPT (Valve is not a cartridge based design; 0-20 psi range)	20662-0005	1	\$68.00
1/2" EB75 FPT X FPT (Cartridge based design; 10-70 psi range)	22999-0045	1	\$57.00
3/4" EB75 FPT X FPT (Cartridge based design; 10-70 psi range)	23000-0045	1	\$58.00
EB75 NON-POTABLE PRESSURE REGULATORS FOR PROPANE (PLASTIC T-HANDLE, DIAPHRAGM LINER. STANDARD PRESSURE RANGE 0-20 PSI.)			
1/2" Threaded Inlet	20657-008	1	\$65.00
1/2" Threaded Inlet with Clean-Out Plug	20664-0010	1	\$65.00

5-G: PRESSURE REGULATOR REPAIR KITS			
EB45 REPAIR KITS			
EB45 Cartridge Kit-Compact Model (1/2"-3/4" Compact Models)	23870	1	\$50.00
EB45 Cartridge Kit-Classic Model (1/2"-1" Classic Models)	22595	1	\$56.00
EB45 Cartridge Kit-(1-1/4"-2" Models)	23871	1	\$200.00
EB25 REPAIR KITS			
EB25 Cartridge Kit-(1/2"-1" Models)	23148	1	\$95.00
EB25 Cartridge Kit-(1-1/4"-2" Models and Multi-Cartridge)	23149	1	\$295.00
E3 REPAIR KITS			
1/2" Repair Kit	11488	1	\$102.00
3/4" Repair Kit	11489	1	\$148.00
1" Repair Kit	11490	1	\$220.00
1-1/4" Repair Kit	11491	1	\$280.00
1-1/2" Repair Kit	11492	1	\$350.00
2" Repair Kit	11493	1	\$335.00
E41 REPAIR KITS			
1/2" Repair Kit	11259	1	\$66.00
3/4" Repair Kit	11260	1	\$79.00
1" Repair Kit	11261	1	\$116.00
1-1/4" Repair Kit	11262	1	\$176.00
1-1/2" Repair Kit	11263	1	\$194.00
2" Repair Kit	11264	1	\$250.00

*While Supplies Last.

PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG	LIST PRICE
E56 REPAIR KIT			
All Repair Kit	20778	1	\$250.00



SECTION 6: CASH ACME THERMOSTATIC MIXING VALVES

6-A: DISTRIBUTION & IN-LINE 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	\$190.00
3/4" Heatguard Tank Booster Pro with Braided Hose and Integral Checks	24832	1	\$190.00
3/4" Heatguard Tank Booster Pro with Corrugated Hose, Integral Checks, and Temperature Gauge	24643	1	\$210.00
3/4" Heatguard Tank Booster Pro with Braided Hose, Integral Checks, and Temperature Gauge	24644	1	\$210.00

HG110-D LEAD FREE (ASSE 1017, 1069, 1070, & CSA B 125.3)

1/2" HG110-D with Integrated SharkBite Connections and Integral Checks	24548	1	\$200.00
3/4" HG110-D with Integrated SharkBite Connections and Integral Checks	24549	1	\$200.00
1/2" HG110-D with SharkBite Union Connections and Integral Checks	24504	1	\$178.00
3/4" HG110-D with SharkBite Union Connections and Integral Checks	24505	1	\$180.00
1/2" HG110-D with FNPT Connections and Integral Checks	24510	1	\$178.00
3/4" HG110-D with MNPT Connections and Integral Checks	24511	1	\$180.00
3/4" HG110-D with FNPT Connections and Integral Checks	25523	1	\$180.00
1/2" HG110-D with Sweat Connections and Integral Checks	24501	1	\$168.00
3/4" HG110-D with Sweat Connections and Integral Checks	24502	1	\$168.00
1" HG110-D with Sweat Connections and Integral Checks	24503	1	\$178.00
1/2" HG110-D with CPVC Connections and Integral Checks	24508	1	\$168.00
3/4" HG110-D with CPVC Connections and Integral Checks	24509	1	\$168.00
1/2" HG110-D with Barb Connections and Integral Checks	24506	1	\$168.00
3/4" HG110-D with Barb Connections and Integral Checks	24507	1	\$168.00

TRIPLE LISTED!

6-B: IN-LINE THERMOSTATIC MIXING VALVES

HG160 LEAD FREE (ASSE 1069, 1070, & CSA B125.3)

1/2" HG160 with SharkBite Connections and Integral Checks	24529	1	\$190.00
3/4" HG160 with SharkBite Connections and Integral Checks	24530	1	\$192.00
1/2" HG160 with FNPT Connections and Integral Checks	24536	1	\$190.00
1/2" HG160 with Sweat Connections and Integral Checks	24528	1	\$178.00
1/2" HG160 with CPVC Connections and Integral Checks	24533	1	\$178.00
3/4" HG160 with CPVC Connections and Integral Checks	24534	1	\$178.00
1/2" HG160 with Barb Connections and Integral Checks	24531	1	\$178.00
3/4" HG160 with Barb Connections and Integral Checks	24532	1	\$178.00

HG145 LEAD FREE WITH MOUNTING CLAMP AND INLET STRAINER SCREENS (ASSE 1070 & CSA B 125.3)

3/8" HG145 with Compression Connections and Integral Checks	24524	1	\$126.00
3/8" HG145 with Compression Connections, Tee & Elbow and Integral Checks	24525	1	\$136.00

HG135 LEAD FREE WITH MOUNTING BRACKET & HARDWARE AND INLET STRAINER SCREENS (ASSE 1070, ASME A112.1070, CSA B 125.7)

3/8" HG135 Chrome Finish with Compression Connections and Integral Checks	25686	1	\$126.00
3/8" HG135 Chrome Finish with Compression Connections, Tee and Integral Checks	25687	1	\$136.00





PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG	LIST PRICE
6-C: RADIANT HEATING THERMOSTATIC MIXING VALVES			
HG110-HX LEAD FREE (RADIANT APPLICATIONS) (ASSE 1017 & CSA B 125.3)			
1/2" HG110-HX with FNPT Connections and Integral Checks	24517	1	\$178.00
3/4" HG110-HX with MNPT Connections and Integral Checks	24518	1	\$180.00
1/2" HG110-HX with Sweat Connections and Integral Checks	24513	1	\$168.00
3/4" HG110-HX with Sweat Connections and Integral Checks	24514	1	\$168.00
3/4" HG110-HX with SharkBite Connections and Integral Checks	24867	1	\$180.00
1" HG110-HX with Sweat Connections and Integral Checks	24515	1	\$178.00



6-D: HIGH CAPACITY THERMOSTATIC MIXING VALVES			
HG115 LEAD FREE HIGH CAPACITY (ASSE 1017 & CSA B 125.3)			
3/4" HG115 with FNPT Connections and Integral Checks	24522	1	\$390.00
3/4" HG115 with Sweat Connections and Integral Checks	24519	1	\$380.00
1" HG115 with Sweat Connections and Integral Checks	24520	1	\$390.00
1-1/4" HG115 with Sweat Connections and Integral Checks	24521	1	\$400.00



6-E: SHUT-OFF THERMOSTATIC MIXING VALVES			
HEATGUARD TAFR LEAD FREE SHUT-OFF DEVICES (ASSE 1062 & CSA B 125.3)			
1/2" Shower Device	24718	1	\$60.00
1/2" Tap Device (for Faucet Spout)	24719	1	\$74.00



6-F: MASTER DISTRIBUTION THERMOSTATIC MIXING VALVES			
MASTERGUARD 800 SERIES HIGH CAPACITY LEAD FREE (ASSE 1017 & CSA B 125.3)			
Masterguard 830 3/4" X 1"	24539	1	\$1,370.00
Masterguard 840 1" X 1-1/4"	24540	1	\$1,790.00
Masterguard 850 1-1/4" X 1-1/2"	24541	1	\$2,100.00
Masterguard 860 1-1/2" X 2"	24542	1	\$2,630.00
MASTERGUARD 800 SERIES REPAIR KITS			
MasterGuard 830 Fitting Service Kit	MS256	1	\$55.00
MasterGuard 840 Fitting Service Kit	MS257	1	\$55.00
MasterGuard 850 Fitting Service Kit	MS258	1	\$72.00
MasterGuard 860 Fitting Service Kit	MS259	1	\$72.00
MasterGuard 830 Fitting Replacement Kit	MS260	1	\$270.00
MasterGuard 840 Fitting Replacement Kit	MS261	1	\$285.00
MasterGuard 850 Fitting Replacement Kit	MS262	1	\$485.00
MasterGuard 860 Fitting Replacement Kit	MS263	1	\$485.00
MasterGuard 830 Temp Adjustment Kit	MS266	1	\$27.00
MasterGuard 840 Temp Adjustment Kit	MS267	1	\$27.00
MasterGuard 850 Temp Adjustment Kit	MS268	1	\$26.50
MasterGuard 860 Temp Adjustment Kit	MS269	1	\$26.50
MasterGuard 830/840 Head Works Replacement Kit	MS270	1	\$69.00
MasterGuard 850/860 Head Works Replacement Kit	MS271	1	\$114.00

PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG	LIST PRICE
6-G: THERMOSTATIC MIXING VALVE ACCESSORIES			
TEMPERATURE GAUGE			
Temperature Gauge for Tank Booster Pro	25376	1	\$31.50
Temperature Gauge for Heatguard 110-D, 110-HX, 160	24412	1	\$42.00



SECTION 7: CASH ACME RELIEF VALVES			
7-A: T&P RELIEF VALVES (FOR ADDITIONAL PRESSURE SETTINGS CONTACT CUSTOMER SERVICE)			
NCLX RESIDENTIAL TEMPERATURE & PRESSURE RELIEF VALVES (VALVES WITH EXTENDED INLETS: NCLX-5L = 2-3/32", NCLX-LS = 2-5/8", NCLX-5LX = 2-1/3", NCLX-A = 3-1/3" SHANK LENGTH MEASURED FROM BOTTOM OF OUTLET. ELEMENT LENGTHS: 1 = 1", 5 = 4", 8 = 8". ELEMENT LENGTHS ARE NOT EXACT MEASUREMENTS. CONTACT CUSTOMER SERVICE FOR ADDITIONAL PRESSURE SETS. AGA & ASME CERTIFIED.)			
1/2" NCLX-1	16483-0150	1	\$30.50
3/4" NCLX-1	16487-0150	1	\$26.50
1/2" NCLX-5, AGA only	15912-0150	1	\$23.50
3/4" NCLX-5	15836-0150	1	\$19.00
3/4" NCLX-5L	18821-0150	1	\$24.50
3/4" NCLX-5LX	19783-0150	1	\$27.50
3/4" NCLX-LS	19084-0150	1	\$32.00
3/4" NCLX-8	16372-0150	1	\$38.00
3/4" NCLX-8 with Extended Shank	24971-0150	1	\$61.00
3/4" NCLX-A	22348-0150	1	\$38.00
3/4" NCLX-5 for Water Heaters using PEX Pipe ASME, 180°F Element	22830-0100	1	\$26.50
3/4" NCLX-5LX for Water Heaters using PEX Pipe ASME, 180°F Element	22831-0150	1	\$36.00
3/4" NCLX-A for Water Heaters using PEX Pipe ASME, 180°F Element	22832-0150	1	\$50.00
TEMPERATURE AND PRESSURE RELIEF VALVE WITH SHARKBITE OUTLET CONNECTION			
3/4" NCLX-5LX w/ SharkBite Outlet Connection	24609-0150	1	\$37.00
LEAD FREE NCLX RESIDENTIAL TEMPERATURE & PRESSURE RELIEF VALVES CLAM SHELL PACKAGED (VALVES WITH EXTENDED INLETS: NCLX-5L = 2-3/32", NCLX-LS = 2-5/8", NCLX-5LX = 2-1/3", NCLX-A = 3-1/3" SHANK LENGTH MEASURED FROM BOTTOM OF OUTLET. ELEMENT LENGTHS: 1 = 1", 5 = 4", 8 = 8". ELEMENT LENGTHS ARE NOT EXACT MEASUREMENTS. CONTACT CUSTOMER SERVICE FOR ADDITIONAL PRESSURE SETS. AGA & ASME CERTIFIED.)			
3/4" NCLX-5	23576-0150	6	\$22.00
3/4" NCLX-LX	23577-0150	6	\$35.00
LEAD FREE NCLX RESIDENTIAL TEMPERATURE & PRESSURE RELIEF VALVES (VALVES WITH EXTENDED INLETS: NCLX-5L = 2-3/32", NCLX-LS = 2-5/8", NCLX-5LX = 2-1/3", NCLX-A = 3-1/3" SHANK LENGTH MEASURED FROM BOTTOM OF OUTLET. ELEMENT LENGTHS: 1 = 1", 5 = 4", 8 = 8". ELEMENT LENGTHS ARE NOT EXACT MEASUREMENTS. CONTACT CUSTOMER SERVICE FOR ADDITIONAL PRESSURE SETS. AGA & ASME CERTIFIED.)			
1/2" NCLX-1	23277-0150	1	\$45.50
3/4" NCLX-1	23279-0150	1	\$39.50
1/2" NCLX-5, AGA only	23278-0150	1	\$35.50
3/4" NCLX-5	23261-0150	1	\$28.50
3/4" NCLX-5L	23354-0150	1	\$37.50
3/4" NCLX-LS	23268-0150	1	\$48.50
3/4" NCLX-5LX	23266-0150	1	\$41.00
3/4" NCLX-8	23272-0150	1	\$57.00
3/4" NCLX-A	23270-0150	1	\$57.00
FVX & FVMX COMMERCIAL TEMPERATURE AND PRESSURE RELIEF VALVES (HIGH CAPACITY, AGA & ASME LISTED. ELEMENT LENGTHS: 3 = 3", 5 = 4", 8 = 8". ELEMENT LENGTHS ARE NOT EXACT MEASUREMENTS.)			
3/4" FVX-3C Female Inlet	16930-0150	1	\$186.00
3/4" FVX-5C Female Inlet	16931-0150	1	\$210.00





PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG	LIST PRICE
3/4" FVX-8C Female Inlet	16932-0150	1	\$230.00
3/4" FVMX-3C Male Inlet	16933-0150	1	\$130.00
3/4" FVMX-5C Male Inlet	16934-0150	1	\$100.00
3/4" FVMX-5LS Male Inlet	20682-0150	1	\$114.00
3/4" FVMX-8C Male Inlet	16935-0150	1	\$210.00
3/4" FVMX-1LS Male Inlet, Long Shank	20113-0150	1	\$380.00
1" FVX-3C Female Inlet	16936-0150	1	\$275.00
1" FVX-5C Female Inlet	16937-0150	1	\$320.00
1" FVX-5L Female Inlet	15638-0150	1	\$395.00
1" FVX-8L Female Inlet	17354-0150	1	\$465.00
1" FVMX-3C Male Inlet	16938-0150	1	\$186.00
1" FVMX-5C Male Inlet	16939-0150	1	\$136.00
1" FVMX-3LS Male Inlet, Long Shank	19784-0150	1	\$200.00
1" FVMX-4LS Male Inlet, Long Shank	22894-0150	1	\$480.00
1-1/4" X 1" FVMX-4L Male Inlet, Long Shank	15672-0150	1	\$465.00
1-1/2" FVX-4 Female Inlet, Long Shank	16221-0150	1	\$990.00
2" X 1-1/2" FVMX-3 Male Inlet	16225-0150	1	\$1,040.00

LEAD FREE FVX & FVMX COMMERCIAL TEMPERATURE AND PRESSURE RELIEF VALVES

(HIGH CAPACITY, AGA & ASME LISTED. ELEMENT LENGTHS: 3 = 3", 5 = 4", 8 = 8". ELEMENT LENGTHS ARE NOT EXACT MEASUREMENTS.)

3/4" FVX-3C Female Inlet	23258-0150	1	\$280.00
3/4" FVX-5C Female Inlet	23256-0150	1	\$310.00
3/4" FVX-8C Female Inlet	23355-0150	1	\$345.00
3/4" FVMX-3C Male Inlet	23274-0150	1	\$196.00
3/4" FVMX-5C Male Inlet	23255-0150	1	\$152.00
3/4" FVMX-8C Male Inlet	23275-0150	1	\$310.00
3/4" FVMX-1LS Male Inlet, Long Shank	23260-0150	1	\$570.00
1" FVX-3C Female Inlet	23259-0150	1	\$410.00
1" FVX-5C Female Inlet	23931-0150	1	\$485.00
1" FVX-5L Female Inlet	23257-0150	1	\$600.00
1" FVX-8L Female Inlet	23273-0150	1	\$700.00
1" FVMX-3C Male Inlet	23253-0150	1	\$280.00
1" FVMX-5C Male Inlet	23276-0150	1	\$152.00
1" FVMX-4LS Male Inlet, Long Shank	23254-0150	1	\$300.00
1" FVMX-3LS Male Inlet, Long Shank	23932-0150	1	\$480.00
1-1/4" X 1" FVMX-4L Male Inlet, Long Shank	23934-0150	1	\$700.00
1-1/2" FVX-4 Female Inlet, Long Shank	23935-0150	1	\$1,480.00
2" X 1-1/2" FVMX-3 Male Inlet	23936-0150	1	\$1,560.00

7-B: PRESSURE ONLY RELIEF VALVES

(FOR ADDITIONAL PRESSURE SETTINGS CONTACT CUSTOMER SERVICE.)

FWL-2 PRESSURE RELIEF VALVES (PRESSURE ONLY)

1/2" FWL-2 Pressure Only	14721-0150	1	\$22.00
3/4" FWL-2 Pressure Only, AGA & ASME	14737-0150	1	\$20.00

LEAD FREE FWL-2 PRESSURE RELIEF VALVES (PRESSURE ONLY)

3/4" FWL-2 Pressure Only, AGA & ASME Lead Free	23343-0150	1	\$30.00
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PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG	LIST PRICE
FWOL PRESSURE ONLY RELIEF VALVES WITHOUT LIFT LEVER (FWL-2 WITHOUT LIFT LEVER)			
3/4" Pressure Only, Male Inlet / Female Outlet without Lift Lever	22834-0125	1	\$28.50
3/4" Pressure Only, Male Inlet / Female Outlet without Lift Lever	22835-0100	1	\$28.50
3/4" Pressure Only, Male Inlet / Female Outlet without Lift Lever	22836-0075	1	\$28.50
1/2" Pressure Only, Male Inlet / Female Outlet without Lift Lever	22862-0125	1	\$23.50
1/2" Pressure Only, Male Inlet / Female Outlet without Lift Lever	22863-0100	1	\$23.50
1/2" Pressure Only, Male Inlet / Female Outlet without Lift Lever	22864-0075	1	\$23.50
F-30, F-82 ASME PRESSURE RELIEF VALVES (PRESSURE ONLY, FOR HOT WATER, HIGH CAPACITY)			
3/4" F-30 set at 30 psi	20166-0030	1	\$24.50
3/4" F-30 FIP X FIP set at 30 psi	22887-0030	1	\$24.50
3/4" F-82 Bronze Body with Lever set at 30 psi	13570-0030	1	\$91.00
3/4" F-82 Bronze Body with Lever set at 50 psi	13570-0050	1	\$91.00
3/4" F-82 Bronze Body with Lever set at 75 psi	13570-0075	1	\$91.00
3/4" F-82 Bronze Body with Lever set at 100 psi	13570-0100	1	\$91.00
3/4" F-82 Bronze Body with Lever set at 125 psi	13570-0125	1	\$91.00
3/4" F-82 Bronze Body with Lever set at 150 psi	13570-0150	1	\$91.00
1" F-82 Bronze Body with Lever set at 30 psi	15673-0030	1	\$108.00
1" F-82 Bronze Body with Lever set at 50 psi	15673-0050	1	\$108.00
1" F-82 Bronze Body with Lever set at 75 psi	15673-0075	1	\$108.00
1" F-82 Bronze Body with Lever set at 100 psi	15673-0100	1	\$108.00
1" F-82 Bronze Body with Lever set at 125 psi	15673-0125	1	\$108.00
1" F-82 Bronze Body with Lever set at 150 psi	15673-0150	1	\$108.00
1-1/4" F-82 Bronze Body with Lever set at 50 psi	16174-0050	1	\$385.00
1-1/4" F-82 Bronze Body with Lever set at 100 psi	16174-0100	1	\$385.00
1-1/4" F-82 Bronze Body with Lever set at 150 psi	16174-0150	1	\$385.00
1-1/2" F-82 Bronze Body with Lever set at 50 psi	16189-0050	1	\$490.00
1-1/2" F-82 Bronze Body with Lever set at 100 psi	16189-0100	1	\$490.00
1-1/2" F-82 Bronze Body with Lever set at 150 psi	16189-0150	1	\$490.00
2" F-82 Bronze Body with Lever set at 50 psi	16204-0050	1	\$660.00
2" F-82 Bronze Body with Lever set at 100 psi	16204-0100	1	\$660.00
2" F-82 Bronze Body with Lever set at 150 psi	16204-0150	1	\$660.00
LEAD FREE F-30, F-82 ASME PRESSURE RELIEF VALVES (PRESSURE ONLY, FOR HOT WATER, HIGH CAPACITY)			
3/4" F-30 set at 30 psi	23344-0030	1	\$37.50
3/4" F-82 Bronze Body with Lever set at 30 psi	23341-0030	1	\$136.00
3/4" F-82 Bronze Body with Lever set at 50 psi	23341-0050	1	\$136.00
3/4" F-82 Bronze Body with Lever set at 75 psi	23341-0075	1	\$136.00
3/4" F-82 Bronze Body with Lever set at 100 psi	23341-0100	1	\$136.00
3/4" F-82 Bronze Body with Lever set at 125 psi	23341-0125	1	\$136.00
3/4" F-82 Bronze Body with Lever set at 150 psi	23341-0150	1	\$136.00
1" F-82 Bronze Body with Lever set at 30 psi	23356-0030	1	\$162.00
1" F-82 Bronze Body with Lever set at 50 psi	23356-0050	1	\$162.00
1" F-82 Bronze Body with Lever set at 75 psi	23356-0075	1	\$162.00
1" F-82 Bronze Body with Lever set at 100 psi	23356-0100	1	\$162.00
1" F-82 Bronze Body with Lever set at 125 psi	23356-0125	1	\$162.00
1" F-82 Bronze Body with Lever set at 150 psi	23356-0150	1	\$162.00





PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG	LIST PRICE
1-1/4" F-82 Bronze Body with Lever set at 50 psi	23937-0050	1	\$580.00
1-1/4" F-82 Bronze Body with Lever set at 100 psi	23937-0100	1	\$580.00
1-1/4" F-82 Bronze Body with Lever set at 150 psi	23937-0150	1	\$580.00
1-1/2" F-82 Bronze Body with Lever set at 50 psi	23938-0050	1	\$740.00
1-1/2" F-82 Bronze Body with Lever set at 100 psi	23938-0100	1	\$740.00
1-1/2" F-82 Bronze Body with Lever set at 150 psi	23938-0150	1	\$740.00
2" F-82 Bronze Body with Lever set at 50 psi	23939-0050	1	\$1,000.00
2" F-82 Bronze Body with Lever set at 100 psi	23939-0100	1	\$1,000.00
2" F-82 Bronze Body with Lever set at 150 psi	23939-0150	1	\$1,000.00
F-95 ASME PRESSURE RELIEF VALVES (PRESSURE ONLY, FOR HOT WATER, IRON BODY)			
3/4" X 1" F-95 Iron Body with Lever set at 30 psi	19497-0030	1	\$79.00
3/4" X 1" F-95 Iron Body with Lever set at 50 psi	19497-0050	1	\$79.00
3/4" X 1" F-95 Iron Body with Lever set at 75 psi	19497-0075	1	\$79.00
1" X 1-1/4" F-95 Iron Body with Lever set at 30 psi	19499-0030	1	\$148.00
1" X 1-1/4" F-95 Iron Body with Lever set at 50 psi	19499-0050	1	\$148.00
1" X 1-1/4" F-95 Iron Body with Lever set at 75 psi	19499-0075	1	\$148.00
1-1/4" X 1-1/2" F-95 Iron Body with Lever set at 30 psi	19501-0030	1	\$395.00
1-1/4" X 1-1/2" F-95 Iron Body with Lever set at 50 psi	19501-0050	1	\$395.00
1-1/4" X 1-1/2" F-95 Iron Body with Lever set at 75 psi	19501-0075	1	\$395.00
1-1/2" X 2" F-95 Iron Body with Lever set at 30 psi	19503-0030	1	\$420.00
1-1/2" X 2" F-95 Iron Body with Lever set at 50 psi	19503-0050	1	\$420.00
1-1/2" X 2" F-95 Iron Body with Lever set at 75 psi	19503-0075	1	\$420.00
2" X 2-1/2" F-95 Iron Body with Lever set at 30 psi	19505-0030	1	\$780.00
2" X 2-1/2" F-95 Iron Body with Lever set at 50 psi	19505-0050	1	\$780.00
2" X 2-1/2" F-95 Iron Body with Lever set at 75 psi	19505-0075	1	\$780.00
F & FW SERIES RELIEF VALVES			
1/2" F Pressure Only, Male Inlet / Female Outlet	07420-0150	1	\$46.00
1/2" X 3/8" FP Pressure Only, Male Inlet / 3/8" Female Outlet	07410-0150	1	\$37.50
1/2" FW Pressure Only	09553-0125	1	\$57.00
3/4" FW Pressure Only	09554-0125	1	\$57.00
LEAD FREE FWC ADJUSTABLE PRESSURE RELIEF VALVES (CALIBRATED STEM)			
1/2" Pressure Only	09563-0125LF	1	\$74.00
3/4" Pressure Only	09564-0125LF	1	\$74.00

7-C: VACUUM RELIEF VALVES

LEAD FREE VR-801 VACUUM RELIEF VALVES

1/2" Drilled Vent, with Dust Cover	22397-0000LF	1	\$22.00
3/4" Drilled Vent, with Dust Cover	22398-0000LF	1	\$22.00

PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG	LIST PRICE
SECTION 8: CASH ACME BACKFLOW PREVENTION			
8-A: VACUUM BREAKERS			
V-3 VACUUM BREAKERS HOSE BIBB TYPE (ASSE 1011 & CSA B64.2)			
3/4" V-3 Vacuum Breaker, Hose Bibb Type with Locking Screw	17148-0000	1	\$5.90
3/4" V-3C, Vacuum Breaker, Hose Bibb Type, Chrome Plated	17195-0000	1	\$11.00
V-3 LEAD FREE VACUUM BREAKERS HOSE BIBB TYPE (ASSE 1011 & CSA B64.2)			
3/4" V-3, Vacuum Breaker, Hose Bibb Type with Locking Screw	17148-0000LF	1	\$7.00
3/4" V-3C, Vacuum Breaker, Hose Bibb Type, Chrome Plated	17195-0000LF	1	\$13.20
VB-222 VACUUM BREAKERS (SELF DRAINING, FREEZE PROOF) (ASSE 1011 & CSA B64.2)			
3/4" VB-222, Vacuum Breaker, Self Draining with Locking Screw	19600-0000	1	\$16.00
3/4" VB-222C, Chrome Plated Vacuum Breaker, Self Draining with Locking Screw	21896-0000	1	\$21.00
VB-222 LEAD FREE VACUUM BREAKERS (SELF DRAINING, FREEZE PROOF) (ASSE 1011 & CSA B64.2)			
3/4" VB-222, Vacuum Breaker, Self Draining with Locking Screw	19600-0000LF	1	\$19.00
3/4" VB-222C, Chrome Plated Vacuum Breaker, Self Draining with Locking Screw	21896-0000LF	1	\$25.00
V-101 NON-POTABLE ANTI-SIPHON VACUUM BREAKERS (ASSE 1001 & CSA B64.1.1)			
1/2" V-101, Anti-Siphon, Brass, 212°F (100°C) max	17383-0000	1	\$22.50
3/4" V-101, Anti-Siphon, Brass, 212°F (100°C) max	17384-0000	1	\$29.50
V-101 LEAD FREE ANTI-SIPHON VACUUM BREAKERS (ASSE 1001 & CSA B64.1.1)			
1/2" V-101, Anti-Siphon, Brass, 212°F (100°C) max	17383-0000LF	1	\$27.50
3/4" V-101, Anti-Siphon, Brass, 212°F (100°C) max	17384-0000LF	1	\$35.00
1" V-101, Anti-Siphon, Brass, 212°F (100°C) max	17385-0000LF	1	\$53.00
1/2" V-101C, Anti-Siphon, Chrome, 212°F (100°C) max	17389-0000LF	1	\$45.00
3/4" V-101C, Anti-Siphon, Chrome, 212°F (100°C) max	17390-0000LF	1	\$51.00



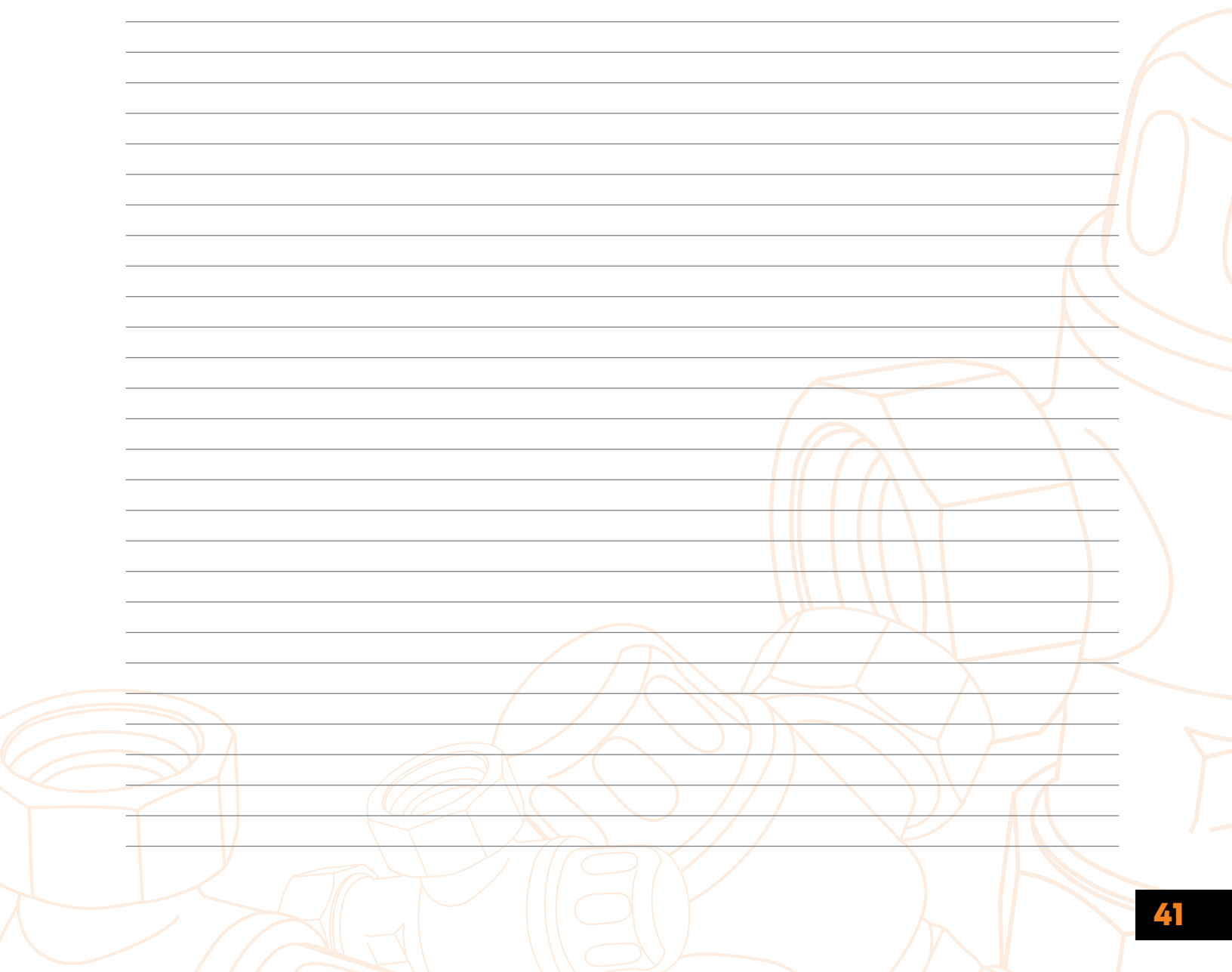
8-B: DUAL CHECK BACKFLOW PREVENTERS			
BF SERIES - LEAD FREE DUAL CHECK BACKFLOW PREVENTER (ASSE 1024 & CSA B64.6)			
3/4" BF1, Dual Check, FNPT Union Inlet & FNPT Outlet	BF13434	1	\$53.00
3/4" BF1, Dual Check, SharkBite Inlet & Outlet	BF13434SB	1	\$59.00
1" BF1, Dual Check, FNPT Union Inlet & FNPT Outlet	BF10101	1	\$63.00
1" BF1, Dual Check, SharkBite Inlet & Outlet	BF10101SB	1	\$69.00
1" X 3/4" BF5, Dual Check, Meter Swivel Nut Inlet, FNPT Outlet	BF5M0134	1	\$59.00
1" X 3/4" BF5, Dual Check, Meter Swivel Nut Inlet, SharkBite Outlet	BF5M0134SB	1	\$65.00
1-1/4" X 1" BF5, Dual Check, Meter Swivel Nut Inlet, FNPT Outlet	BF5M1401	1	\$67.00
1-1/4" X 1" BF5, Dual Check, Meter Swivel Nut Inlet, SharkBite Outlet	BF5M1401SB	1	\$74.00
BF SERIES - NON-POTABLE DUAL CHECK BACKFLOW PREVENTER* (ASSE 1024 & CSA B64.6)			
3/4" BF1, Dual Check, Threaded Union Inlet	17217-0000	1	\$46.50
1" BF1, Dual Check, Threaded Union Inlet	17218-0000	1	\$46.50
BFP SERIES - LEAD FREE CONTINUOUS TYPE BACKFLOW PREVENTER WITH ATMOSPHERIC VENT (ASSE 1012 & B64.1.1)			
1/2" BFP, Continuous Type, Female Union Inlet & Outlet	21574-0000LF	1	\$68.00
3/4" BFP, Continuous Type, Female Union Inlet & Outlet	21575-0000LF	1	\$68.00
1/2" BFP, Continuous Type, Copper Sweat Union Inlet & Outlet	22760-0000LF	1	\$80.00
3/4" BFP, Continuous Type, Copper Sweat Union Inlet & Outlet Lead Free	22762-0000LF	1	\$80.00



PRODUCT DESCRIPTION	PART NUMBER	QTY/BAG	LIST PRICE
SECTION 9: CASH ACME GENERAL PLUMBING & HEATING PRODUCTS			
9-A: PLUMBING PRODUCTS			
WASHING MACHINE SHUT-OFF VALVES			
1/2" WM-1 Male Threaded (Non-Potable)	16962-0000	1	\$42.00
1/2" WM-2 Copper Sweat (Non-Potable)	17087-0000	1	\$42.00
9-B: HEATING PRODUCTS			
NON-POTABLE A SERIES BOILER FEED VALVES (AB-40 & A-43 BRONZE BODY, A-89 IRON BODY)			
3/4" A-41 Boiler Feed Valves	23099-0012	1	\$65.00
1/2" AB-40 Combo Union, In-Built Bypass	12214-0014	1	\$130.00
1/2" A-89 NPT	25082-0014	1	\$65.00
1/2" A-89C, Sweat	25083-0014	1	\$120.00
1/2" A-89 Direct SharkBite	25521Z	1	\$84.00
1/2" A-89U, Single for Water	25084-0014	1	\$95.00
1/2" A-89DU, Double for Water	25085-0014	1	\$102.00
NON-POTABLE BFAC			
1/2" BFA Single Union Sweat Combination Backflow Preventer/PRV	23029-0014	1	\$184.00
NON-POTABLE CBL DUAL CONTROL FOR HOT WATER BOILERS (DELUXE MODEL)			
1/2" CBL Bronze Body (2 story)	02323-0002	1	\$480.00
1/2" CBL Bronze Body (5 story)	02323-0005	1	\$480.00
NON-POTABLE CQ, CR DUAL CONTROL FOR HOT WATER BOILERS (ECONOMY MODEL)			
1/2" CQ-M Bronze Body, Union Inlet (specify story)	07045-0002	1	\$290.00
1/2" CR Iron Body, Threaded, Rapid Fill	18394-0002	1	\$205.00
1/2" CRC Iron Body, Copper Sweat, Rapid Fill	18398-0002	1	\$184.00
NON-POTABLE AIR SEPARATORS*			
1/2" Air Separator	24077	1	\$84.00
1" Air Separator	24079	1	\$126.00
1-1/4" Air Separator	24080	1	\$154.00
1-1/2" Air Separator	24081	1	\$138.00
2" Air Separator	24082	1	\$245.00
NON-POTABLE AP SERIES AIR PURGERS*			
1" Air Purger	24083	1	\$28.00
1-1/4" Air Purger	24084	1	\$28.00
2-1/2" Air Purger	24087	1	\$180.00
NON-POTABLE AP SERIES AIR VENTS			
1/8" Air Vent, Brass	24090	1	\$9.20
1/4" Air Vent, Brass	24091	1	\$9.20

*While Supplies Last.

NOTES



NOTES

Lined area for notes.



FREQUENTLY ASKED QUESTIONS

FOR USING SHARKBITE FITTINGS

CAN I USE SHARKBITE FOR ANYTHING OTHER THAN POTABLE WATER?

Yes, in addition to potable water applications, SharkBite is also certified for radiant hydronic heating applications (up to 200°F).

NOTE: Glycol mixture for hydronics is acceptable up to and including 100%.

CAN SHARKBITE BE USED REPEATEDLY?

Fittings can be reused for testing purposes but any fitting used repeatedly for testing must not then be used in a permanent position. The de-mount function of the fitting is designed for rectifying issues during installation or modification to existing plumbing work. It is not designed to be disconnected on a daily or weekly basis.

DO YOU NEED THE DISCONNECT CLIP TO REMOVE SHARKBITE FITTINGS?

Yes, the SharkBite disconnect clip or tongs are required to properly remove fittings in the SharkBite range.

WHAT TYPES OF PIPE MATERIAL CAN SHARKBITE FITTINGS BE USED WITH?

SharkBite fittings are certified for use with copper, PEX, CPVC and PE-RT only. Specific fittings for polybutylene and PVC are available on pages 6-7.

CAN A SHARKBITE FITTING BE ROTATED ON A PIPE?

Yes, the fitting can be rotated after assembly on a pipe and will not affect the integrity of the joint.

ARE SHARKBITE FITTINGS APPROVED FOR UNDERGROUND USE?

Fittings should be wrapped with an impervious material, chloride-free tape or tightly wrapped and sealed insulation to prevent direct contact with the backfill. Backfill should be free of rocks, debris or any sharp objects that may cause damage through impact or abrasion. NOTE: As with any plumbing project subject to inspection, it is always important to reference your local plumbing code.

WHAT IS THE DIFFERENCE BETWEEN RED, WHITE, BLUE, AND ORANGE COLORED PEX PIPE?

Red, White, and Blue PEX pipe are exactly the same, the different colors allow you to identify individual lines such as hot and cold. All three colors are certified for potable water applications while the Orange pipe is an oxygen barrier PEX pipe used for hydronic heating applications.

WHAT ARE THE MAXIMUM TEMPERATURE AND PRESSURE RATINGS FOR SHARKBITE FITTINGS?

SharkBite fittings are certified to 200 psi and 200°F (93°C).

HOW WELL DO SHARKBITE JOINTS HOLD UP TO FREEZING TEMPERATURES?

Neither brass nor metal fittings should be subject to freezing temperatures – SharkBite push-to-connect and Barb fittings are no different. Freezing temperatures may cause SharkBite fittings to fail.

DO SHARKBITE FITTINGS LEAK?

In general, SharkBite fittings only leak due to one of three reasons:

1. The pipe was not properly deburred prior to installation.
2. The pipe was not properly inserted.
3. Damages, marks or debris on the OD of the pipe.

IS THE STIFFENER NECESSARY FOR COPPER AND CPVC AND CAN THE STIFFENER BE REMOVED?

The stiffener is necessary for use with PEX pipe. It is not required for copper or CPVC, however it is not necessary to remove stiffener from the fitting.

WHAT IS THE INSERTION DEPTH FOR THE SHARKBITE FITTINGS?

Insertion depth will depend on the size of the fitting:

1/4" (3/8" OD) Pipe Insertion Depth = 3/4"

3/8" (1/2" OD) Pipe Insertion Depth = 3/4"

1/2" Pipe Insertion Depth = 7/8"

5/8" Pipe Insertion Depth = 1"

3/4" Pipe Insertion Depth = 1"

1" Pipe Insertion Depth = 1-1/4"

WHAT IS THE INSERTION DEPTH FOR THE SHARKBITE 2XL FITTINGS?

Insertion depth will depend on the size of the fitting:

1-1/4" Pipe Insertion Depth = 2"

1-1/2" Pipe Insertion Depth = 2-1/4"

2" Pipe Insertion Depth = 2-1/2"

HOW CLOSE CAN I SOLDER/SWEAT COPPER NEAR A SHARKBITE CONNECTION?

Do NOT solder next to SharkBite connection. If you are soldering/sweating copper pipe, solder/sweat all connections first and then make the SharkBite connections.

HOW DO I KNOW IF ALL CONNECTIONS ARE MADE CORRECTLY?

Always test with water or air on completion and before covering the pipe.

WHAT STEPS SHOULD BE TAKEN FOR A PIPE THAT WILL NOT ENGAGE WITH A SHARKBITE FITTING?

If the pipe is difficult to insert or will not engage into the fitting, do not force the connection! Simply remove, and check for obstructions.

DO SHARKBITE CONNECTIONS REQUIRE ADDITIONAL LUBRICATION?

The O-ring, a key component of the SharkBite fitting, is pre-lubricated during manufacturing and no additional lubricants need to be applied.

SHARKBITE

PUSH-TO-CONNECT FITTINGS

- The SharkBite push-to-connect range is made from Lead Free DZR brass and all products were converted as of October 2012.
- The standard material versions of SharkBite push-to-connect fittings are no longer in production, but we do continue to offer a small range of 5/8" fittings in standard material, specifically intended for radiant heating applications. As a running change, these fittings will be converted to Lead Free in due course.
- Our SharkBite 2XL large Diameter fittings have been Lead Free since their introduction in February 2011.

SHARKBITE

PEX/BARB FITTINGS

- Our PEX/barb range is made from Lead Free DZR brass and all products were converted as of October 2012.
- We have also implemented an extended range of engineered polymer barb fittings.

LEAD FREE*



As of January 2014 a new Federal law came into effect that introduced a similar requirement across the whole country.

More information is available on our websites at:
www.cashacme.com
www.sharkbite.com

In this document, products are marked "Lead Free" or "Non-Potable" as applicable.

- "Lead Free" indicates that a product is suitable for use in an application that is anticipated or intended to deliver water for human consumption.
- "Non-Potable" designates that a product is only suitable for applications that are not anticipated or intended to deliver water for human consumption.

If a product is not marked "Lead Free" or "Non-Potable" it is either:

- Not designed to come into contact with water (e.g. tools, crimp rings, pipe hangers), or
- It is a replacement part or component for a valve or piece of Original Equipment, where it is necessary for the function of that valve or equipment to use the identical specification component with which it was originally designed and certified.

** A device is defined as Lead Free if its wetted surface has a weighted average lead content not exceeding 0.25%.*

LIMITED WARRANTY

SHARKBITE, CASH ACME, AND HOLDRITE 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, 2018 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?".
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 when the RWC SharkBite Connection System product was installed by a licensed professional plumbing contractor. 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	<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	<ul style="list-style-type: none"> SharkBite PEX Pipe Only - ASTM F876/CSA B137.5
	SharkBite Universal Push-To-Connect Fittings in conjunction with SharkBite PEX Pipe	Twenty-Five (25) Years	<ul style="list-style-type: none"> SharkBite PEX Pipe Only - ASTM F876/CSA B137.5
SharkBite, Cash Acme, and HOLDRITE Products	SharkBite Universal Push-To-Connect Fittings and SharkBite 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 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	If 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	If used with 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 Home Run Manifolds	Ten (10) Years	Must be installed per installation instructions
	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)
	HOLDRITE Pipe Support Products	One (1) Years	Must be installed per installation instructions
	HOLDRITE Testrite	One (1) Years	Must be installed per installation instructions
	HOLDRITE Hydroflame Pro	One (1) Years	Must be installed per installation instructions

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15673-0150	36	22182-0000LF	13	23067LF	17	23341-0050	36	23995-0055	30	24509	32	24932	10
15836-0150	34	22185-0000LF	13	23068LF	17	23341-0075	36	23996-0055	30	24510	32	24933	10
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16174-0050	36	22187-0000LF	13	23070	19	23341-0125	36	23998-0055	30	24513	33	24935	10
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