

2016/2017 LIST PRICE BOOK

INCLUDING RETAIL PACKAGED ITEMS



CONTENTS

SECTION 1: THE SHARKBITE® CONNECTION SYSTEM

1-A: Core Fittings	3
1-B: Transition Fittings	7
1-C: Kits	7
1-D: Flex Hoses	8
1-E: Additional Products	8
1-F: Stops & Fixture Supply Fittings	9
1-G: Ball Valves & Check Valves	11
1-H: Radiant Fittings	11
1-I: Tools	12

SECTION 2: SHARKBITE VALVES

2-A: Pressure Regulating Valves	12
2-B: Thermostatic Mixing Valves	13

SECTION 3: THE SHARKBITE 2XL CONNECTION SYSTEM

3-A: 2XL Core Fittings	13
3-B: 2XL Ball Valves	15
3-C: 2XL Tools & PEX Stiffeners	15

SECTION 4: SHARKBITE PEX BARB FITTINGS

4-A: PEX Barb Core Fittings	15
4-B: PEX Poly Alloy Fittings	21
4-C: PEX Barb Stop & Fixture Supply Fittings	24
4-D: PEX Barb Accessories	24
4-E: PEX Barb Tools	25

SECTION 5: SHARKBITE PEX PIPE

5-A: Potable Water PEX Pipe	27
5-B: Special Application PEX Pipe	28

BENEFITS OF SHARKBITE PEX

29

SHARKBITE FAQ

44



SECTION 6: CASH ACME® PRESSURE REGULATING VALVES	31
6-A: EB45	31
6-B: EB25	33
6-C: E3	34
6-D: E41	35
6-E: E56	35
6-F: EB75	35
6-G: Pressure Regulator Repair Kits	35
SECTION 7: CASH ACME THERMOSTATIC MIXING VALVES	36
7-A: Distribution & In-Line Thermostatic Mixing Valves	36
7-B: In-Line Thermostatic Mixing Valves	37
7-C: Radiant Heating Thermostatic Mixing Valves	37
7-D: High Capacity Thermostatic Mixing Valves	37
7-E: Shut-Off Thermostatic Mixing Valves	37
7-F: Master Distribution Non-Potable Thermostatic Mixing Valves	37
7-G: Thermostatic Mixing Valve Accessories	38
SECTION 8: CASH ACME RELIEF VALVES	38
8-A: T&P Relief Valves	38
8-B: Pressure Only Relief Valves	39
8-C: Vacuum Relief Valves	41
SECTION 9: CASH ACME BACKFLOW PREVENTION	42
9-A: Vacuum Breakers	42
9-B: Dual Check Backflow Preventers	42
SECTION 10: CASH ACME GENERAL PLUMBING & HEATING PRODUCTS	43
10-A: Plumbing Products	43
10-B: Heating Products	43
LIMITED WARRANTY	46



SHARKBITE

CONNECTION SYSTEM

CUT. PUSH. DONE.

The SharkBite Connection System makes any plumbing project fast and easy with our unique push-to-connect technology. When you insert a pipe into the SharkBite quick connect fittings, the stainless steel teeth bite down and grip the pipe, while the specially formulated O-ring compresses to create the perfect watertight seal. No soldering, clamps, unions or glue.

Our product works with your existing plumbing, is easy to disassemble for changing and reusing fittings, and can be rotated for easier installation in tight spaces. Perfect for joining Copper, PEX, CPVC or PE-RT pipe, SharkBite is the no fuss way to fix small leaks or plumb a whole house.

Our proven system includes hundreds of products from dozens of different fittings, a wide range of push-to-connect valves and even our own SharkBite PEX Pipe to make completing a job even easier.

Compatible with many Cash Acme valves, try the SharkBite connection system for your next project and discover just how fast and easy fixing a leak or plumbing a house should be.

www.sharkbite.com

All SharkBite fittings are made of Lead Free DZR brass and exceed ASSE 1061 Section 1V, 4.1 Materials-Dezincification (DZR) - ISO 6509 standards.



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
SECTION 1: THE SHARKBITE CONNECTION SYSTEM			
1-A: CORE FITTINGS			
COUPLINGS RETAIL PACKAGED			
1/4" (3/8" OD) X 1/4" (3/8" OD)	U004LFA	12	\$9.40
3/8" (1/2" OD) X 3/8" (1/2" OD)	U006LFA	12	\$11.50
1/2" X 1/2"	U008LFA	24	\$11.00
1/2" X 1/2" (4 Pack)	U008LFA4	12	\$37.50
3/4" X 3/4"	U016LFA	24	\$13.00
1" X 1"	U020LFA	6	\$27.50
COUPLINGS WHOLESALE PACKAGED			
1/4" (3/8" OD) X 1/4" (3/8" OD)	U004LF	6	\$8.40
3/8" (1/2" OD) X 3/8" (1/2" OD)	U006LF	6	\$10.50
1/2" X 1/2"	U008LF	12	\$10.50
3/4" X 3/4"	U016LF	12	\$12.50
1" X 1"	U020LF	6	\$26.50
REDUCING COUPLINGS RETAIL PACKAGED			
1/4" (3/8" OD) X 1/2" Reducing	U050LFA	12	\$11.50
3/8" (1/2" OD) X 1/2" Reducing	U009LFA	12	\$11.50
3/4" X 1/2" Reducing	U058LFA	12	\$13.50
1" X 3/4" Reducing	U060LFA	6	\$27.50
REDUCING COUPLINGS WHOLESALE PACKAGED			
1/4" (3/8" OD) X 1/2" Reducing	U050LF	6	\$10.50
3/8" (1/2" OD) X 1/2" Reducing	U009LF	6	\$10.50
3/4" X 1/2" Reducing	U058LF	12	\$12.50
1" X 3/4" Reducing	U060LF	6	\$26.50
SLIP COUPLINGS RETAIL PACKAGED (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)			
1/2" X 1/2"	U3008LFA	6	\$22.00
3/4" X 3/4"	U3016LFA	6	\$26.00
1" X 1"	U3020LFA	3	\$54.00
SLIP COUPLINGS WHOLESALE PACKAGED (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)			
1/2" X 1/2"	U3008LF	3	\$21.00
3/4" X 3/4"	U3016LF	3	\$25.00
1" X 1"	U3020LF	1	\$53.00
FEMALE CONNECTORS RETAIL PACKAGED			
1/4" (3/8" OD) X 1/2" FNPT Reducing	U066LFA	12	\$9.40
3/8" (1/2" OD) X 1/2" FNPT Reducing	U070LFA	12	\$9.40
1/2" X 3/4" FNPT Reducing	U068LFA	6	\$11.00
1/2" X 1/2" FNPT Straight	U072LFA	24	\$9.40
1/2" X 1/2" FNPT Straight (4 Pack)	U072LFA4	12	\$32.00
3/4" X 3/4" FNPT Straight	U088LFA	12	\$11.00
3/4" X 1/2" FNPT Bullnose	U092LFA	6	\$11.00
3/4" X 1" FNPT Straight	U086LFA	6	\$22.00
1" X 1" FNPT Straight	U094LFA	3	\$22.00



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
FEMALE CONNECTORS WHOLESALE PACKAGED			
1/4" (3/8" OD) X 1/2" FNPT Reducing	U066LF	6	\$8.40
3/8" (1/2" OD) X 1/2" FNPT Reducing	U070LF	6	\$8.40
1/2" X 3/4" FNPT Reducing	U068LF	6	\$10.00
1/2" X 1/2" FNPT Straight	U072LF	12	\$8.40
3/4" X 3/4" FNPT Straight	U088LF	6	\$10.00
3/4" X 1/2" FNPT Bullnose	U092LF	6	\$10.00
1" X 1" FNPT Straight	U094LF	6	\$21.00
MALE CONNECTORS RETAIL PACKAGED			
1/4" X 1/2" MNPT Reducing	U110LFA	6	\$9.40
3/8" (1/2" OD) X 1/2" MNPT Reducing	U118LFA	12	\$9.40
1/2" X 3/4" MNPT Reducing	U116LFA	6	\$11.00
1/2" X 1/2" MNPT Straight	U120LFA	24	\$8.90
3/4" X 3/4" MNPT Straight	U134LFA	24	\$11.00
3/4" X 1/2" MNPT Bullnose	U138LFA	6	\$11.00
3/4" X 1" MNPT Straight	U139LFA	6	\$22.00
1" X 1" MNPT Straight	U140LFA	3	\$22.00
1" X 3/4" MNPT Reducing	U142LFA	3	\$22.00
MALE CONNECTORS WHOLESALE PACKAGED			
1/4" X 1/2" MNPT Reducing	U110LF	6	\$8.40
3/8" (1/2" OD) X 1/2" MNPT Reducing	U118LF	6	\$8.40
1/2" X 3/4" MNPT Reducing	U116LF	6	\$10.00
1/2" X 1/2" MNPT Straight	U120LF	12	\$8.40
3/4" X 3/4" MNPT Straight	U134LF	12	\$10.00
3/4" X 1/2" MNPT Bullnose	U138LF	12	\$10.00
3/4" X 1" MNPT Straight	U139LF	6	\$21.00
1" X 1" MNPT Straight	U140LF	6	\$21.00
1" X 3/4" MNPT Reducing	U142LF	6	\$21.00
ELBOWS RETAIL PACKAGED			
1/4" (3/8" OD) X 1/4" (3/8" OD)	U244LFA	12	\$10.00
3/8" (1/2" OD) X 3/8" (1/2" OD)	U246LFA	6	\$12.50
1/2" X 1/2"	U248LFA	24	\$12.00
1/2" X 1/2" (4 Pack)	U248LFA4	12	\$41.00
3/4" X 3/4"	U256LFA	24	\$14.50
1" X 1"	U260LFA	3	\$30.00
ELBOWS WHOLESALE PACKAGED			
1/4" (3/8" OD) X 1/4" (3/8" OD)	U244LF	6	\$9.20
3/8" (1/2" OD) X 3/8" (1/2" OD)	U246LF	6	\$11.50
1/2" X 1/2"	U248LF	12	\$11.50
3/4" X 3/4"	U256LF	6	\$14.00
1" X 1"	U260LF	6	\$29.00
FEMALE ELBOWS RETAIL PACKAGED			
1/2" X 1/2" FNPT	U308LFA	12	\$12.50
3/4" X 3/4" FNPT	U314LFA	6	\$15.00



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
FEMALE ELBOWS WHOLESALE PACKAGED			
1/2" X 1/2" FNPT	U308LF	6	\$11.50
3/4" X 3/4" FNPT	U314LF	3	\$14.00
MALE ELBOWS RETAIL PACKAGED			
1/2" X 1/2" MNPT	U280LFA	6	\$12.50
3/4" X 3/4" MNPT	U286LFA	12	\$15.00
MALE ELBOWS WHOLESALE PACKAGED			
1/2" X 1/2" MNPT	U280LF	6	\$11.50
3/4" X 3/4" MNPT	U286LF	6	\$14.00
REDUCING ELBOWS RETAIL PACKAGED			
1/2" X 3/8" (1/2" OD)	U272LFA	6	\$12.50
3/4" X 1/2"	U274LFA	6	\$15.00
1" X 3/4"	U278LFA	6	\$30.00
REDUCING ELBOWS WHOLESALE PACKAGED			
1/2" X 3/8" (1/2" OD)	U272LF	12	\$11.50
3/4" X 1/2"	U274LF	6	\$14.00
1" X 3/4"	U278LF	3	\$29.00
DROP-EAR ELBOWS RETAIL PACKAGED			
3/8" (1/2" OD) X 1/2" FNPT Drop Ear	U332LFA	12	\$12.50
1/2" X 1/2" Drop Ear	U249LFA	6	\$15.00
1/2" X 1/2" FNPT Drop Ear	U334LFA	12	\$12.50
3/4" X 3/4" FNPT Drop Ear	U340LFA	12	\$17.50
DROP-EAR ELBOWS WHOLESALE PACKAGED			
3/8" (1/2" OD) X 1/2" FNPT Drop Ear	U332LF	6	\$11.50
1/2" X 1/2" Drop Ear	U249LF	12	\$14.00
1/2" X 1/2" FNPT Drop Ear	U334LF	6	\$11.50
3/4" X 3/4" FNPT Drop Ear	U340LF	6	\$16.50
HY-EAR EAR ELBOWS RETAIL PACKAGED			
1/2" X 1/2" Hy-Ear	U335LFA	6	\$15.00
HY-EAR EAR ELBOWS WHOLESALE PACKAGED			
1/2" X 1/2" Hy-Ear	U335LF	6	\$14.00
TEES RETAIL PACKAGED			
1/4" (3/8" OD) X 1/4" (3/8" OD) X 1/4" (3/8" OD)	U358LFA	6	\$13.50
3/8" (1/2" OD) X 3/8" (1/2" OD) X 3/8" (1/2" OD)	U360LFA	6	\$17.00
1/2" X 1/2" X 1/2"	U362LFA	24	\$16.50
3/4" X 3/4" X 3/4"	U370LFA	12	\$20.00
1" X 1" X 1"	U374LFA	3	\$40.50
TEES WHOLESALE PACKAGED			
1/4" (3/8" OD) X 1/4" (3/8" OD) X 1/4" (3/8" OD)	U358LF	6	\$12.50
3/8" (1/2" OD) X 3/8" (1/2" OD) X 3/8" (1/2" OD)	U360LF	6	\$16.00
1/2" X 1/2" X 1/2"	U362LF	12	\$16.00
3/4" X 3/4" X 3/4"	U370LF	6	\$19.00
1" X 1" X 1"	U374LF	3	\$39.50





PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
REDUCING TEES RETAIL PACKAGED			
3/8" (1/2" OD) X 3/8" (1/2" OD) X 1/2" Reducing	U364LFA	12	\$17.00
1/2" X 1/2" X 1/4" (3/8" OD) Reducing	U359LFA	6	\$17.00
1/2" X 1/2" X 3/8" (1/2" OD) Reducing	U363LFA	12	\$17.00
3/4" X 3/4" X 1/2" Reducing	U412LFA	12	\$20.00
3/4" X 1/2" X 3/4" Reducing	U444LFA	6	\$20.00
3/4" X 1/2" X 1/2" Reducing	U454LFA	6	\$20.00
1" X 1" X 3/4" Reducing	U416LFA	3	\$40.50
REDUCING TEES WHOLESALE PACKAGED			
3/8" (1/2" OD) X 3/8" (1/2" OD) X 1/2" Reducing	U364LF	6	\$16.00
1/2" X 1/2" X 1/4" (3/8" OD) Reducing	U359LF	6	\$16.00
1/2" X 1/2" X 3/8" (1/2" OD) Reducing	U363LF	6	\$16.00
3/4" X 3/4" X 1/2" Reducing	U412LF	6	\$19.00
3/4" X 1/2" X 3/4" Reducing	U444LF	6	\$19.00
3/4" X 1/2" X 1/2" Reducing	U454LF	6	\$19.00
1" X 1" X 3/4" Reducing	U416LF	3	\$39.50
FEMALE CENTER TEES WHOLESALE PACKAGED			
3/4" X 3/4" X 3/4" FNPT	U462LF	3	\$19.00
1" X 1" X 1" FNPT	U464LF	3	\$39.50
SLIP TEES RETAIL PACKAGED (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)			
1/2" X 1/2" X 1/2"	U3362LFA	6	\$27.50
3/4" X 3/4" X 3/4"	U3370LFA	6	\$32.50
SLIP TEES WHOLESALE PACKAGED (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)			
1/2" X 1/2" X 1/2"	U3362LF	3	\$26.50
3/4" X 3/4" X 3/4"	U3370LF	3	\$31.50
FEMALE CENTER SLIP TEES RETAIL PACKAGED (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)			
1/2" X 1/2" X 1/2" FNPT Female Center	U3482LFA	6	\$27.50
3/4" X 3/4" X 3/4" FNPT Female Center	U3486LFA	6	\$32.50
FEMALE CENTER SLIP TEES WHOLESALE PACKAGED (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)			
1/2" X 1/2" X 1/2" FNPT Female Center	U3482LF	3	\$26.50
3/4" X 3/4" X 3/4" FNPT Female Center	U3486LF	3	\$31.50
SERVICE SLIP TEE ADAPTER RETAIL PACKAGED (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)			
1/2" X 1/2" X 1/2" CTS Tail Adapter Service Line Tee	U4482LFA	6	\$27.50
SERVICE SLIP TEE ADAPTER WHOLESALE PACKAGED (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)			
1/2" X 1/2" X 1/2" CTS Tail Adapter Service Line Tee	U4482LF	6	\$26.50
END CAPS RETAIL PACKAGED			
3/8" (1/2" OD)	U512LFA	12	\$10.50
1/2"	U514LFA	24	\$10.00
1/2" (4 Pack)	U514LFA4	12	\$34.00
3/4"	U518LFA	12	\$12.50
1"	U520LFA	3	\$24.50
END CAPS WHOLESALE PACKAGED			
3/8" (1/2" OD)	U512LF	6	\$9.50
1/2"	U514LF	12	\$9.50



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
END CAPS WHOLESALE PACKAGED			
3/4"	U518LF	6	\$11.50
1"	U520LF	6	\$23.50

1-B: TRANSITION FITTINGS			
POLYBUTYLENE TRANSITION COUPLINGS RETAIL PACKAGED			
1/2" PB X 1/2" SB PB Transition Coupling	U4008LFA	12	\$15.50
3/4" PB X 3/4" SB PB Transition Coupling	U4016LFA	6	\$18.50
POLYBUTYLENE TRANSITION COUPLINGS WHOLESALE PACKAGED			
1/2" PB X 1/2" SB PB Transition Coupling	U4008LF	6	\$14.50
3/4" PB X 3/4" SB PB Transition Coupling	U4016LF	6	\$17.50
SCHEDULE 40 PVC SLIP REPAIR TRANSITION COUPLINGS RETAIL PACKAGED			
1/2" PVC X 1/2" PVC Slip Repair Coupling	UIP3008A	3	\$26.00
3/4" PVC X 3/4" PVC Slip Repair Coupling	UIP3016A	3	\$31.00
1" PVC X 1" PVC Slip Repair Coupling	UIP3020A	3	\$64.00
SCHEDULE 40 PVC TRANSITION COUPLINGS RETAIL PACKAGED			
1/2" CTS X 1/2" PVC Transition Coupling	UIP4008A	6	\$15.50
3/4" CTS X 3/4" PVC Transition Coupling	UIP4016A	6	\$18.50
1" CTS X 1" PVC Transition Coupling	UIP4020A	3	\$30.00
SCHEDULE 40 PVC TRANSITION SLIP TEES RETAIL PACKAGED (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)			
1/2" CTS X 1/2" CTS X 1/2" PVC Transition Slip Tee	UIP363A	3	\$20.00
1/2" PVC X 1/2" PVC X 1/2" CTS Transition Slip Tee	UIP364A	3	\$23.00
3/4" CTS X 3/4" CTS X 3/4" PVC Transition Slip Tee	UIP371A	3	\$23.50
3/4" PVC X 3/4" PVC X 3/4" CTS Transition Slip Tee	UIP372A	3	\$27.50
1" CTS X 1" CTS X 1" PVC Transition Slip Tee	UIP375A	3	\$48.50
1" PVC X 1" PVC X 1" CTS Transition Slip Tee	UIP376A	3	\$56.00
SCHEDULE 40 PVC TRANSITION COUPLINGS RETAIL PACKAGED			
1/2" PVC X 1/2" MNPT Male Connector	UIP120A	6	\$16.00
3/4" PVC X 3/4" MNPT Male Connector	UIP134A	6	\$19.00
1" PVC X 1" MNPT Male Connector	UIP140A	3	\$39.00
SCHEDULE 40 PVC DISCONNECT CLIPS & DEPTH GAUGES RETAIL PACKAGED			
1/2" PVC Disconnect Clip and Depth Gauge	UIP710A	24	\$2.50
3/4" PVC Disconnect Clip and Depth Gauge	UIP712A	24	\$2.50
1" PVC Disconnect Clip and Depth Gauge	UIP714A	24	\$2.50
1/2", 3/4", 1" PVC Disconnect Clip and Depth Gauge	UIP716A	12	\$7.00

1-C: KITS			
WATER HEATER INSTALLATION KITS RETAIL PACKAGED (KITS INCLUDE 2 SHARKBITE CONNECTOR FITTINGS AND A DISCONNECT CLIP)			
1/2" X 3/4" FNPT	22604LF	12	\$22.50
3/4" X 3/4" FNPT	22441LF	12	\$22.50
CONTRACTOR KITS (KIT INCLUDES TOOLBOX)			
Contractor Kit: 2 each (U008LF, U016LF, U058LF, U072LF, U088LF, U120LF, U134LF, U248LF, U256LF) and 1 each (U362LF, U370LF, U514LF, U518LF, U710LF, U711LF, U713LF and U702LF)	22486LF	1	\$300.00
Contractor Tool Box Only	U3001A	1	\$75.00





PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
TOILET AND FAUCET CONNECTION KITS RETAIL PACKAGED (FAUCET KITS COME WITH 2 FAUCET CONNECTORS, 2 ANGLE STOPS, AND (1) 10' COIL OF 1/4" PEX TUBING. TOILET KITS COME WITH 1 TOILET CONNECTOR, 1 ANGLE STOP, AND 1 COIL OF 5' 1/4" PEX TUBING.)			
Faucet Connector with Angle Stop	25087	3	\$48.00
Toilet Connector with Angle Stop	25088	3	\$27.50
ICE MAKER CONNECTION KIT RETAIL PACKAGED (ICE MAKER KIT COMES WITH (1) 1/2" SERVICE SLIP TEE ADAPTER, (1) 1/2" X 1/4" STOP, (1) 1/4" X 1/4" COMPRESSION FITTING, AND (1) 10' COIL OF 1/4" PEX TUBING.)			
Ice Maker Connector with Angle Stop	25024	3	\$48.00
ICE MAKER OUTLET BOX			
Ice Maker Outlet Box with Water Hammer Arrestors	25033	1	\$70.00
Ice Maker Outlet Box without Water Hammer Arrestors	25032	1	\$47.00
WASHING MACHINE OUTLET BOX			
Washing Machine Outlet Box with Water Hammer Arrestors	25031	1	\$110.00
Washing Machine Outlet Box without Water Hammer Arrestors	24763	1	\$63.00



1-D: FLEX HOSES			
BRAIDED FLEXIBLE WATER HEATER CONNECTORS RETAIL PACKAGED			
1/2" X 3/4" FIP, 12" Stainless Steel Braided Water Heater Connector	U3068FLEX12LF	12	\$21.00
1/2" X 3/4" FIP, 15" Stainless Steel Braided Water Heater Connector	U3068FLEX15LF	12	\$22.00
1/2" X 3/4" FIP, 18" Stainless Steel Braided Water Heater Connector	U3068FLEX18LF	12	\$23.00
1/2" X 3/4" FIP, 24" Stainless Steel Braided Water Heater Connector	U3068FLEX24LF	12	\$25.00
3/4" X 3/4" FIP, 12" Stainless Steel Braided Water Heater Connector	U3088FLEX12LF	12	\$21.00
3/4" X 3/4" FIP, 15" Stainless Steel Braided Water Heater Connector	U3088FLEX15LF	12	\$22.00
3/4" X 3/4" FIP, 18" Stainless Steel Braided Water Heater Connector	U3088FLEX18LF	12	\$23.00
3/4" X 3/4" FIP, 24" Stainless Steel Braided Water Heater Connector	U3088FLEX24LF	12	\$25.00
CORRUGATED STAINLESS STEEL WATER HEATER CONNECTORS RETAIL PACKAGED			
3/4" X 3/4" FIP, 18" Stainless Steel Corrugated Water Heater Connector	SS3088FLEX18LF	12	\$23.00
3/4" X 3/4" FIP, 24" Stainless Steel Corrugated Water Heater Connector	SS3088FLEX24LF	12	\$25.00
3/4" x 1" FIP, 24" Stainless Steel Corrugated Water Heater Connector	SS3086FLEX24LF	6	\$25.00
BRAIDED FLEXIBLE WATER HEATER CONNECTORS WITH BALL VALVES RETAIL PACKAGED			
1/2" X 3/4" FIP, 18" Stainless Steel Braided Water Heater Connector with Ball Valve	U3068FLEX18BVLV	12	\$42.00
3/4" X 3/4" FIP, 18" Stainless Steel Braided Water Heater Connector with Ball Valve	U3088FLEX18BVLV	12	\$48.00
BRAIDED FLEXIBLE COUPLING HOSES RETAIL PACKAGED			
1/2" X 1/2", 18"	U3008FLEX18LF	12	\$23.00
3/4" X 3/4", 18"	U3016FLEX18LF	12	\$23.00
BRAIDED WATER SOFTENER HOSES RETAIL PACKAGED			
3/4" X 1" FIP, 24"	U3086FLEX24LF	6	\$25.00
CORRUGATED STAINLESS STEEL CONNECTORS RETAIL PACKAGED			
1" X 1" FIP, 24" Stainless Steel Corrugated Connector	SS3094FLEX24LF	6	\$25.00
1" X 3/4" FIP, 24" Stainless Steel Corrugated Connector	SS3096FLEX24LF	12	\$25.00














1-E: ADDITIONAL PRODUCTS			
MANIFOLDS WITH PUSH-TO-CONNECT BRANCHES			
3 Port - Open 1" trunk, 3/4" X 3/4", 3 - 1/2" branches 2" on center	22995LF	1	\$45.50
3 Port - Closed 1" trunk, 3/4" X Spun Closed, 3 - 1/2" branches 2" on center	22996LF	1	\$45.50
4 Port - Open 1" trunk, 3/4" X 3/4", 4 - 1/2" branches 2" on center	22997LF	1	\$60.00
4 Port - Closed 1" trunk, 3/4" X Spun Closed, 4 - 1/2" branches 2" on center	22998LF	1	\$60.00

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
STUB OUT ELBOWS RETAIL PACKAGED			
1/2" SB X 1/2" Copper Tube 8" Length with Mounting Clip	U351LFA	6	\$23.00
WATER HAMMER ARRESTORS			
1/2" Residential	22630LF	1	\$44.00
1/2" Commercial	22631LF	1	\$44.00
3/4" Residential	22632LF	1	\$53.00
1" Commercial	22633LF	1	\$110.00
PRESSURE GAUGES			
1/2" SB Tee with Pressure Gauge	24436	1	\$36.50
3/4" SB Tee with Pressure Gauge	24438	1	\$40.00
1" SB Tee with Pressure Gauge	24440	1	\$60.00
1/2" CTS Pressure Gauge (inserts into any 1/2" SB fitting)	24442	1	\$22.00
3/4" CTS Pressure Gauge (inserts into any 3/4" SB fitting)	24444	1	\$22.00
TEMPERATURE GAUGES			
1/2" SB Tee with Temperature Gauge	24437	1	\$66.00
3/4" SB Tee with Temperature Gauge	24439	1	\$69.00
1" SB Tee with Temperature Gauge	24441	1	\$89.00
1/2" CTS Pressure Gauge (inserts into any 1/2" SB fitting)	24443	1	\$42.00
3/4" CTS Pressure Gauge (inserts into any 3/4" SB fitting)	24445	1	\$42.00
FITTING REDUCERS RETAIL PACKAGED (USE TO CONNECT TO SMALLER PIPE SIZES)			
3/8" (1/2" OD) X 1/2" CTS	U719LFA	12	\$13.50
3/8" (1/2" OD) X 3/4" CTS	U721LFA	6	\$16.00
1/2" X 1" CTS	U722LFA	6	\$26.00
3/4" X 1" CTS	U724LFA	6	\$26.00
FITTING REDUCERS WHOLESALE PACKAGED (USE TO CONNECT TO SMALLER PIPE SIZES)			
3/8" (1/2" OD) X 1/2" CTS	U719LF	6	\$12.50
3/8" (1/2" OD) X 3/4" CTS	U721LF	6	\$15.00
1/2" X 1" CTS	U722LF	6	\$25.00
3/4" X 1" CTS	U724LF	6	\$25.00
THREADED ADAPTERS RETAIL PACKAGED			
3/4" CTS X 3/4" FNPT Threaded	U766LFA	6	\$16.00
1" CTS X 1" FNPT Threaded	U772LFA	6	\$16.00
THREADED ADAPTERS WHOLESALE PACKAGED			
3/4" CTS X 3/4" FNPT Threaded	U766LF	6	\$15.00
1" CTS X 1" FNPT Threaded	U772LF	6	\$15.00

1-F: STOPS & FIXTURE SUPPLY FITTINGS			
ANGLE STOPS RETAIL PACKAGED			
1/2" X 3/8" Compression Angle Stop	23036-0000LF	12	\$16.00
1/2" X 1/4" (3/8" OD) Angle Stop	23048-0000LF	6	\$16.00
1/2" X 1/4" Compression Angle Stop	23336-0000LF	6	\$16.00
1/2" X 1/2" Compression Angle Stop	23489	6	\$16.00
1/2" X 1/2" MIP Angle Stop	24946	6	\$16.00



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
STRAIGHT STOPS RETAIL PACKAGED			
 1/2" X 3/8" Compression Straight Stop	23037-0000LF	12	\$16.00
1/2" X 1/4" (3/8" OD) Straight Stop	23049-0000LF	6	\$16.00
1/2" X 1/4" Compression Straight Stop	23337-0000LF	6	\$16.00
1/2" X 1/2" Compression Straight Stop	23490	6	\$16.00
1/2" X 1/2" MIP Straight Stop	24947	6	\$16.00
TEE STOPS			
 1/2" X 1/2" X 1/4" Compression	24983A	6	\$29.00
1/2" X 1/2" X 3/8" Compression	24984A	6	\$29.00
 3/4" X 3/4" X 1/4" Compression	24985A	6	\$32.00
3/4" X 3/4" X 3/8" Compression	24986A	6	\$32.00
1/2" X 1/2" X 1/4" (3/8" OD)	24987A	6	\$29.00
LOOSE KEY STOPS WHOLESALE PACKAGED			
 1/2" X 3/8" Compression Loose Key Angle Stop	24731LF	6	\$19.00
1/2" X 1/4" (3/8" OD) Loose Key Angle Stop	24733LF	6	\$19.00
 1/2" X 3/8" Compression Loose Key Straight Stop	24732LF	6	\$19.00
1/2" X 1/4" (3/8" OD) Loose Key Straight Stop	24734LF	6	\$19.00
STOP VALVE CONNECTORS RETAIL PACKAGED			
 1/4" (3/8" OD) X 3/8" Compression Stop Valve Connector (Converts 3/8" comp stop to SharkBite)	U3523LFA	6	\$7.70
1/4" (3/8" OD) X 1/4" Compression Nut	U3524LFA	12	\$8.60
STOP VALVE CONNECTORS WHOLESALE PACKAGED			
1/4" (3/8" OD) X 3/8" Compression Stop Valve Connector (Converts 3/8" comp stop to SharkBite)	U3523LF	6	\$6.70
1/4" (3/8" OD) X 1/4" Compression	U3524LF	6	\$6.70
STOP VALVE TEE ADAPTERS RETAIL PACKAGED			
 1/4" (3/8" OD) X 1/4" (3/8" OD) X 3/8" Compression Stop Valve Tee Adaptor	U3358LFA	6	\$13.50
1/4" (3/8" OD) X 1/4" (3/8" OD) X 1/4" (3/8" OD) Tube Stop Valve Tee Adapter	U4358LFA	6	\$13.50
STOP VALVE TEE ADAPTERS WHOLESALE PACKAGED			
1/4" (3/8" OD) X 1/4" (3/8" OD) X 3/8" Compression Stop Valve Tee Adaptor	U3358LF	6	\$12.50
1/4" (3/8" OD) X 1/4" (3/8" OD) X 1/4" (3/8" OD) Tube Stop Valve Tee Adapter	U4358LF	6	\$12.50
DUAL TEE STOP VALVE ADAPTERS RETAIL PACKAGED			
 1/2" CTS X 1/2" CTS X 1/2" Dual Tee Stop Valve Adapter	U782LFA	12	\$17.00
DUAL TEE STOP VALVE ADAPTERS WHOLESALE PACKAGED			
1/2" CTS X 1/2" CTS X 1/2" Dual Tee Stop Valve Adapter	U782LF	6	\$16.00
FAUCET CONNECTORS RETAIL PACKAGED			
 1/4" (3/8" OD) X 1/2" Threaded Faucet Connector	U3525LFA	6	\$8.30
FAUCET CONNECTORS WHOLESALE PACKAGED			
1/4" (3/8" OD) X 1/2" Threaded Faucet Connector	U3525LF	6	\$7.30
TOILET CONNECTORS RETAIL PACKAGED			
 1/4" (3/8" OD) X 7/8" Ballcock Threads Toilet Connector	U3531LFA	6	\$8.30
1/4" (3/8" OD) X 7/8" Ballcock Threads Toilet Elbow	U3537LFA	6	\$8.30
TOILET CONNECTORS WHOLESALE PACKAGED			
 1/4" (3/8" OD) X 7/8" Ballcock Threads Toilet Connector	U3531LF	6	\$7.30
1/4" (3/8" OD) X 7/8" Ballcock Threads Toilet Elbow	U3537LF	6	\$7.30

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
DISHWASHER ELBOWS RETAIL PACKAGED			
1/4" (3/8" OD) X 3/8" MNPT Dishwasher	U276LFA	6	\$12.50
1/4" (3/8" OD) X 3/4" Garden Hose Nut	U2276LFA	6	\$15.00
1/2" X 3/8" MNPT Dishwasher	U281LFA	6	\$12.50
DISHWASHER ELBOWS WHOLESALE PACKAGED			
1/4" (3/8" OD) X 3/8" MNPT Dishwasher	U276LF	6	\$11.50
1/4" (3/8" OD) X 3/4" Garden Hose Nut	U2276LF	6	\$14.00
1/2" X 3/8" MNPT Dishwasher	U281LF	6	\$11.50



1-G: BALL VALVES & CHECK VALVES			
BALL VALVES RETAIL PACKAGED			
1/2" X 1/2"	22222-0000LFA	12	\$22.00
3/4" X 3/4"	22185-0000LFA	12	\$28.00
1" X 1"	22223-0000LFA	6	\$38.00
BALL VALVES WHOLESALE PACKAGED			
1/2" X 1/2"	22222-0000LF	12	\$22.00
3/4" X 3/4"	22185-0000LF	12	\$28.00
1" X 1"	22223-0000LF	6	\$38.00
1/2" SharkBite X 1/2" FNPT	22182-0000LF	6	\$22.00
3/4" SharkBite X 3/4" FNPT	22186-0000LF	6	\$28.00
1" SharkBite X 1" FNPT	22187-0000LF	3	\$38.00
BALL VALVES WITH DRAIN/VENT WHOLESALE PACKAGED			
1/2" with Drain	22304-0000LF	12	\$24.00
3/4" with Drain	22305-0000LF	12	\$31.00
1" with Drain	22306-0000LF	6	\$42.00
SLIP BALL VALVE RETAIL PACKAGED			
1/2"	24735LF	6	\$32.50
3/4"	24736LF	6	\$40.50
1"	24737LF	3	\$63.00
CHECK VALVES RETAIL PACKAGED			
1/2" X 1/2"	U2008-0000LFA	12	\$26.00
3/4" X 3/4"	U2016-0000LFA	12	\$31.00
1" X 1"	U2020-0000LFA	6	\$64.00
CHECK VALVES WHOLESALE PACKAGED			
1/2" X 1/2"	U2008-0000LF	6	\$25.00
3/4" X 3/4"	U2016-0000LF	6	\$30.00
1" X 1"	U2020-0000LF	3	\$63.00



1-H: RADIANT FITTINGS			
RADIANT FITTINGS (NON-POTABLE WATER APPLICATION)			
5/8" X 5/8" Coupling	U012	6	\$11.50
3/4" X 5/8" Reducing Coupling	U057	6	\$12.50
5/8" X 3/4" MNPT Reducing Adapter	U126	6	\$10.00
5/8" X 5/8" Elbow	U252	6	\$12.50

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
RADIANT FITTINGS (NON-POTABLE WATER APPLICATION)			
3/4" X 5/8" Elbow	U273	6	\$14.00
5/8" X 5/8" X 5/8" Tee	U366	6	\$17.50
5/8" End Stop	U516	6	\$10.50

1-I: TOOLS**DEBURR & GAUGE TOOL RETAIL PACKAGED**

Deburring and Depth Gauge Tool (Use for 1/4", 3/8", 1/2", 5/8", 3/4" and 1" copper and CPVC pipe)	U702A	6	\$21.00
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DEBURR & GAUGE TOOL WHOLESALE PACKAGED

Deburring and Depth Gauge Tool (Use for 1/4", 3/8", 1/2", 5/8", 3/4" and 1" copper and CPVC pipe)	U702	1	\$20.00
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DISCONNECT CLIPS RETAIL PACKAGED

1/4" Disconnect Clip	U706A	12	\$3.00
3/8" Disconnect Clip	U708A	12	\$3.00
1/2" Disconnect Clip	U710A	48	\$2.50
5/8" Disconnect Clip	U3712A	12	\$3.00
3/4" Disconnect Clip	U712A	48	\$2.50
1" Disconnect Clip	U714A	24	\$2.50

DISCONNECT CLIPS WHOLESALE PACKAGED

1/4" Disconnect Clip	U706	12	\$2.00
3/8" Disconnect Clip	U708	24	\$2.00
1/2" Disconnect Clip	U710	24	\$2.00
5/8" Disconnect Clip	U3712	24	\$2.00
3/4" Disconnect Clip	U712	24	\$2.00
1" Disconnect Clip	U714	12	\$2.00

DISCONNECT TONGS

1/2" Disconnect Tong	U711A	12	\$10.00
3/4" Disconnect Tong	U713A	12	\$10.00
1" Disconnect Tong	U715A	12	\$10.00

SECTION 2: SHARKBITE VALVES**2-A: PRESSURE REGULATING VALVES****EB45 SHARKBITE CONNECTIONS RETAIL PACKAGED**

3/4" EB45-DSB Direct SharkBite	23858-0045	1	\$135.00
3/4" EB45-Slip DSB SharkBite Slip Regulator	24429-0045	1	\$164.00

EB45 SHARKBITE CONNECTIONS WHOLESALE PACKAGED

1/2" EB45-DSB Direct SharkBite	23807-0045	1	\$128.00
1/2" EB45-DSB Direct SharkBite Metal Top	24472-0045	1	\$140.00
1/2" EB45-SDSB Slip Feature Direct SharkBite	24383-0045	1	\$156.00
1/2" EB45-SDSB Slip Feature Direct SharkBite Metal Top	24474-0045	1	\$172.00
1/2" EB45-DUSB Double Union SharkBite	23893-0045	1	\$156.00
1/2" EB45-DUSB Double Union SharkBite Metal Top	24476-0045	1	\$172.00
3/4" EB45-DSB Direct SharkBite	23808-0045	1	\$132.00
3/4" EB45-DSB Direct SharkBite Metal Top	24473-0045	1	\$146.00
3/4" EB45-SDSB Slip Feature Direct SharkBite	24384-0045	1	\$160.00

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
3/4" EB45-SDSB Slip Feature Direct SharkBite Metal Top	24475-0045	1	\$176.00
3/4" EB45-DUSB Double Union SharkBite	23894-0045	1	\$160.00
3/4" EB45-DUSB Double Union SharkBite Metal Top	24477-0045	1	\$176.00
3/4" EB-45 Double Union SharkBite (60 PSI Setting)	23896-0060	1	\$176.00
3/4" EB45-DUSB Double Union SharkBite with Gauge Port	24449-0045	1	\$176.00
1" EB45-DSB Direct SharkBite	22675-0045	1	\$176.00
1" EB45-DUSB Double Union SharkBite	23358-0045	1	\$210.00
1" EB45-DUSB Double Union SharkBite (60 PSI Setting)	23945-0060	1	\$230.00
EB25 SHARKBITE CONNECTIONS			
3/4" EB25-DUSB Double Union SharkBite	23955-0045	1	\$190.00
1" EB25-DUSB Double Union SharkBite	23956-0045	1	\$250.00



2-B: THERMOSTATIC MIXING VALVES

HG110-D SHARKBITE UNION CONNECTIONS			
1/2" HG110-D with SharkBite Union Connections	24504	1	\$170.00
3/4" HG110-D with SharkBite Union Connections	24505	1	\$172.00
HG110-D INTEGRATED SHARKBITE CONNECTIONS			
1/2" HG110-D with Integrated SharkBite Connections	24548	1	\$190.00
3/4" HG110-D with Integrated SharkBite Connections	24549	1	\$192.00
HG160			
1/2" HG160 with SharkBite Union Connections	24529	1	\$180.00
3/4" HG160 with SharkBite Union Connections	24530	1	\$182.00



SECTION 3: THE SHARKBITE 2XL CONNECTION SYSTEM

3-A: 2XL CORE FITTINGS (FOR PEX APPLICATIONS, STIFFENERS ARE SOLD SEPARATELY)

COUPLINGS RETAIL PACKAGED			
1-1/4" X 1-1/4"	SB0135	1	\$27.00
1-1/2" X 1-1/2"	SB0141	1	\$51.00
2" X 2"	SB0154	1	\$65.00
SLIP COUPLINGS RETAIL PACKAGED (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)			
1-1/4" X 1-1/4"	SB0635	1	\$54.00
1-1/2" X 1-1/2"	SB0641	1	\$77.00
2" X 2"	SB0654	1	\$97.00
REDUCING COUPLINGS RETAIL PACKAGED			
1-1/4" X 1" Reducing	SB013528	1	\$27.00
1-1/2" X 1" Reducing	SB014128	1	\$51.00
1-1/2" X 1-1/4" Reducing	SB014135	1	\$51.00
2" X 1-1/2" Reducing	SB015441	1	\$65.00
FEMALE CONNECTORS RETAIL PACKAGED			
1-1/4" X 1-1/4" FNPT	SB113532F	1	\$32.50
1-1/2" X 1-1/2" FNPT	SB114140F	1	\$62.00
2" X 2" FNPT	SB115450F	1	\$78.00



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
MALE CONNECTORS RETAIL PACKAGED			
1-1/4" X 1-1/4" MNPT	SB113532M	1	\$32.50
1-1/2" X 1-1/2" MNPT	SB114140M	1	\$62.00
2" X 2" MNPT	SB115450M	1	\$78.00
90° ELBOWS RETAIL PACKAGED			
1-1/4" X 1-1/4"	SB0235	1	\$32.50
1-1/2" X 1-1/2"	SB0241	1	\$62.00
2" X 2"	SB0254	1	\$78.00
45° ELBOWS RETAIL PACKAGED			
1-1/4" X 1-1/4"	SB0535	1	\$32.50
1-1/2" X 1-1/2"	SB0541	1	\$62.00
2" X 2"	SB0554	1	\$78.00
45° STREET ELBOWS RETAIL PACKAGED			
1-1/4" X 1-1/4"	SB0735	1	\$32.50
1-1/2" X 1-1/2"	SB0741	1	\$62.00
2" X 2"	SB0754	1	\$78.00
TEES RETAIL PACKAGED			
1-1/4" X 1-1/4" X 1-1/4"	SB0835	1	\$40.50
1-1/2" X 1-1/2" X 1-1/2"	SB0841	1	\$77.00
2" X 2" X 2"	SB0854	1	\$97.00
REDUCING TEES RETAIL PACKAGED			
1-1/4" X 1-1/4" X 1-1/2" Reducing	SB08353516	1	\$40.50
1-1/4" X 1-1/4" X 3/4" Reducing	SB08353522	1	\$40.50
1-1/4" X 1-1/4" X 1" Reducing	SB08353528	1	\$40.50
1-1/2" X 1-1/2" X 3/4" Reducing	SB08414122	1	\$77.00
1-1/2" X 1-1/2" X 1" Reducing	SB08414128	1	\$77.00
1-1/2" X 1-1/2" X 1-1/4" Reducing	SB08414135	1	\$77.00
2" X 2" X 1" Reducing	SB08545428	1	\$97.00
2" X 2" X 1-1/4" Reducing	SB08545435	1	\$97.00
2" X 2" X 1-1/2" Reducing	SB08545441	1	\$97.00
SLIP TEES RETAIL PACKAGED (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)			
1-1/4" X 1-1/4"	SB0335	1	\$51.00
1-1/2" X 1-1/2"	SB0341	1	\$97.00
2" X 2"	SB0354	1	\$124.00
REDUCING SLIP TEES RETAIL PACKAGED (SLIP END ONLY SUITABLE FOR COPPER AND CPVC)			
1-1/4" X 1-1/4" X 1-1/2" Reducing	SB03353516	1	\$40.50
1-1/4" X 1-1/4" X 3/4" Reducing	SB03353522	1	\$40.50
1-1/4" X 1-1/4" X 1" Reducing	SB03353528	1	\$40.50
1-1/2" X 1-1/2" X 3/4" Reducing	SB03414122	1	\$77.00
1-1/2" X 1-1/2" X 1" Reducing	SB03414128	1	\$77.00
1-1/2" X 1-1/2" X 1-1/4" Reducing	SB03414135	1	\$77.00
2" X 2" X 1" Reducing	SB03545428	1	\$97.00
2" X 2" X 1-1/4" Reducing	SB03545435	1	\$97.00
2" X 2" X 1-1/2" Reducing	SB03545441	1	\$97.00

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
END CAPS RETAIL PACKAGED			
1-1/4"	SB0435	1	\$24.50
1-1/2"	SB0441	1	\$41.00
2"	SB0454	1	\$52.00



3-B: 2XL BALL VALVES			
BALL VALVES RETAIL PACKAGED			
1-1/4" X 1-1/4"	SBBV35	1	\$68.00
1-1/2" X 1-1/2"	SBBV41	1	\$128.00
2" X 2"	SBBV54	1	\$162.00



3-C: 2XL TOOLS & PEX STIFFENERS			
DEBURR & GAUGE TOOL RETAIL PACKAGED			
1-1/4", 1-1/2", 2" Deburring & Depth Gauge Tool	SBG03	1	\$35.00
DE-MOUNT CLIPS RETAIL PACKAGED			
1-1/4" De-Mount Clip	SBDC35	1	\$7.10
1-1/2" De-Mount Clip	SBDC41	1	\$10.50
2" De-Mount Clip	SBDC54	1	\$13.50
1-1/4", 1-1/2", 2" De-Mount Clip Set	SBDC354154	1	\$13.50
LARGE DIAMETER PEX STIFFENERS RETAIL PACKAGED			
1-1/4" PEX Stiffener	SBTL35	1	\$3.30
1-1/2" PEX Stiffener	SBTL41	1	\$4.80
2" PEX Stiffener	SBTL54	1	\$6.30



SECTION 4: SHARKBITE PEX BARB FITTINGS

4-A: PEX BARB CORE FITTINGS			
COUPLINGS RETAIL PACKAGED			
3/8" X 3/8"	UC006LFA	12	\$2.00
1/2" X 1/2"	UC008LFA	12	\$2.00
1/2" X 1/2" (10 Pack)	UC008LFA10	6	\$17.00
1/2" X 1/2" (100 Pack)	UC008LFA100	1	\$170.00
5/8" X 5/8"	UC012LFA	12	\$2.60
3/4" X 3/4"	UC016LFA	12	\$2.60
3/4" X 3/4" (10 Pack)	UC016LFA10	6	\$22.00
3/4" X 3/4" (100 Pack)	UC016LFA100	1	\$220.00
1" X 1"	UC020LFA	6	\$4.80
1" X 1" (10 Pack)	UC020LFA10	6	\$41.00
COUPLINGS WHOLESALE PACKAGED			
3/8" X 3/8"	UC006LF	10	\$1.50
1/2" X 1/2"	UC008LF	25	\$1.50
5/8" X 5/8"	UC012LF	10	\$2.10
3/4" X 3/4"	UC016LF	25	\$2.10
1" X 1"	UC020LF	10	\$3.80





PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
REDUCING COUPLINGS RETAIL PACKAGED			
3/8" X 1/2" Reducing	UC009LFA	12	\$2.00
1/2" X 3/4" Reducing	UC058LFA	12	\$2.60
3/4" X 5/8" Reducing	UC057LFA	12	\$2.60
3/4" X 1" Reducing	UC060LFA	6	\$4.80
REDUCING COUPLINGS WHOLESALE PACKAGED			
3/8" X 1/2" Reducing	UC009LF	10	\$1.50
1/2" X 3/4" Reducing	UC058LF	25	\$2.10
3/4" X 5/8" Reducing	UC057LF	10	\$2.10
3/4" X 1" Reducing	UC060LF	25	\$3.80
THREADED FEMALE ADAPTERS RETAIL PACKAGED			
1/2" X 3/4" FNPT	UC068LFA	12	\$4.70
1/2" X 1/2" FNPT	UC072LFA	24	\$3.50
1/2" X 1/2" FNPT (5 Pack)	UC072LFA5	6	\$15.00
1/2" X 1/2" FNPT (10 Pack)	UC072LFA10	6	\$30.00
1/2" X 1/2" FNPT (100 Pack)	UC072LFA100	1	\$300.00
3/4" X 3/4" FNPT	UC088LFA	12	\$4.70
3/4" X 3/4" FNPT (5 Pack)	UC088LFA5	6	\$20.00
3/4" X 3/4" FNPT (100 Pack)	UC088LFA100	1	\$400.00
1" X 1" FNPT	UC094LFA	3	\$8.00
1" X 1" FNPT (10 Pack)	UC094LFA10	6	\$68.00
THREADED FEMALE ADAPTERS WHOLESALE PACKAGED			
1/2" X 3/4" FNPT	UC068LF	25	\$4.20
1/2" X 1/2" FNPT	UC072LF	25	\$3.00
3/4" X 3/4" FNPT	UC088LF	25	\$4.20
1" X 1" FNPT	UC094LF	10	\$7.50
THREADED MALE ADAPTERS RETAIL PACKAGED			
1/2" X 3/4" MNPT	UC116LFA	12	\$4.80
3/8" X 1/2" MNPT	UC118LFA	6	\$3.70
1/2" X 1/2" MNPT	UC120LFA	24	\$3.20
1/2" X 1/2" MNPT (10 Pack)	UC120LFA10	6	\$27.00
1/2" X 1/2" MNPT (100 Pack)	UC120LFA100	1	\$270.00
5/8" X 3/4"	UC126LFA	12	\$12.50
3/4" X 3/4" MNPT	UC134LFA	12	\$4.30
3/4" X 3/4" MNPT (10 Pack)	UC134LFA10	6	\$36.50
3/4" X 3/4" MNPT (100 Pack)	UC134LFA100	1	\$365.00
3/4" X 1/2" MNPT	UC138LFA	12	\$4.30
3/4" X 1" MNPT	UC139LFA	6	\$7.80
1" X 1" MNPT	UC140LFA	6	\$7.80
1" X 1" MNPT (3 Pack)	UC140LFA3	6	\$20.00
1" X 3/4" MNPT	UC142LFA	6	\$7.80
THREADED MALE ADAPTERS WHOLESALE PACKAGED			
1/2" X 3/4" MNPT	UC116LF	25	\$3.80
3/8" X 1/2" MNPT	UC118LF	10	\$2.70
1/2" X 1/2" MNPT	UC120LF	25	\$2.70



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
THREADED MALE ADAPTERS WHOLESALE PACKAGED			
5/8" X 3/4" MNPT	UC126LF	10	\$3.80
3/4" X 3/4" MNPT	UC134LF	25	\$3.80
3/4" X 1/2" MNPT	UC138LF	25	\$3.80
3/4" X 1" MNPT	UC139LF	10	\$6.80
1" X 1" MNPT	UC140LF	10	\$6.80
1" X 3/4" MNPT	UC142LF	10	\$6.80
SWEAT FEMALE ADAPTERS RETAIL PACKAGED			
1/2" X 1/2" Female Sweat Adapter	UC600LFA	24	\$3.20
1/2" X 1/2" Female Sweat Adapter (10 Pack)	UC600LFA10	6	\$27.00
3/4" X 3/4" Female Sweat Adapter	UC606LFA	12	\$4.30
3/4" X 3/4" Female Sweat Adapter (10 Pack)	UC606LFA10	6	\$36.50
1" X 1" Female Sweat Adapter	UC605LFA	6	\$7.80
SWEAT FEMALE ADAPTERS WHOLESALE PACKAGED			
1/2" X 1/2" Female Sweat Adapter	UC600LF	25	\$2.70
3/4" X 3/4" Female Sweat Adapter	UC606LF	25	\$3.80
1" X 1" Female Sweat Adapter	UC605LF	10	\$6.80
SWEAT MALE ADAPTERS RETAIL PACKAGED			
1/2" X 1/2" Male Sweat Adapter	UC607LFA	12	\$3.20
1/2" X 1/2" Male Sweat Adapter (10 Pack)	UC607LFA10	6	\$27.00
3/4" X 3/4" Male Sweat Adapter	UC608LFA	12	\$4.30
1" X 1" Male Sweat Adapter	UC609LFA	6	\$7.80
SWEAT MALE ADAPTERS WHOLESALE PACKAGED			
1/2" X 1/2" Male Sweat Adapter	UC607LF	25	\$2.70
3/4" X 3/4" Male Sweat Adapter	UC608LF	25	\$3.80
1" X 1" Male Sweat Adapter	UC609LF	10	\$6.75
POLYBUTYLENE ADAPTERS RETAIL PACKAGED (WITH PB CRIMP RING)			
3/8" X 3/8" PB Coupling	UC4006LFA	6	\$3.20
1/2" X 1/2" PB Coupling	UC4008LFA	6	\$3.20
3/4" X 3/4" PB Coupling	UC4016LFA	6	\$4.30
POLYBUTYLENE ADAPTERS WHOLESALE PACKAGED (WITH PB CRIMP RING)			
3/8" X 3/8" PB Coupling	UC4006LF	10	\$2.70
1/2" X 1/2" PB Coupling	UC4008LF	25	\$2.70
3/4" X 3/4" PB Coupling	UC4016LF	25	\$3.80
ELBOWS RETAIL PACKAGED			
3/8" X 3/8"	UC246LFA	12	\$2.60
1/2" X 1/2"	UC248LFA	24	\$2.60
1/2" X 1/2" (10 Pack)	UC248LFA10	6	\$22.00
1/2" X 1/2" (100 Pack)	UC248LFA100	1	\$200.00
5/8" X 5/8"	UC252LFA	12	\$3.40
3/4" X 3/4"	UC256LFA	24	\$3.40
3/4" X 3/4" (10 Pack)	UC256LFA10	6	\$29.00
3/4" X 3/4" (100 Pack)	UC256LFA100	1	\$290.00
1" X 1"	UC260LFA	6	\$6.30
1" X 1" (10 Pack)	UC260LFA10	6	\$54.00



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
ELBOWS WHOLESALE PACKAGED			
3/8" X 3/8"	UC246LF	10	\$2.10
1/2" X 1/2"	UC248LF	25	\$2.10
5/8" X 5/8"	UC252LF	10	\$2.90
3/4" X 3/4"	UC256LF	25	\$2.90
1" X 1"	UC260LF	10	\$5.30
REDUCING ELBOWS RETAIL PACKAGED			
1/2" X 3/8"	UC272LFA	12	\$2.60
1/2" X 3/4"	UC274LFA	6	\$3.90
3/4" X 5/8"	UC273LFA	12	\$3.90
REDUCING ELBOWS WHOLESALE PACKAGED			
1/2" X 3/8"	UC272LF	10	\$2.10
1/2" X 3/4"	UC274LF	25	\$2.90
3/4" X 5/8"	UC273LF	10	\$2.90
DROP-EAR ELBOWS RETAIL PACKAGED			
1/2" X 1/2" FNPT Drop Ear	UC334LFA	12	\$8.90
3/4" X 3/4" FNPT Drop Ear	UC340LFA	6	\$13.00
3/4" X 1/2" FNPT Drop Ear	UC342LFA	24	\$12.50
DROP-EAR ELBOWS WHOLESALE PACKAGED			
1/2" X 1/2" FNPT Drop Ear	UC334LF	25	\$8.40
3/4" X 3/4" FNPT Drop Ear	UC340LF	25	\$12.00
3/4" X 1/2" FNPT Drop Ear	UC342LF	25	\$12.00
ADAPTER ELBOWS RETAIL PACKAGED			
1/2" X 1/2" MNPT	UC280LFA	6	\$5.20
ADAPTER ELBOWS WHOLESALE PACKAGED			
1/2" X 1/2" MNPT	UC280LF	25	\$4.20
1/2" X 3/4" MNPT	UC278LF	25	\$5.90
3/4" X 3/4" MNPT	UC286LF	25	\$5.90
3/4" X 3/4" Female Sweat	UC626LF	25	\$4.10
3/4" X 3/4" Male Sweat	UC628LF	25	\$4.10
TEES RETAIL PACKAGED			
3/8" X 3/8" X 3/8"	UC360LFA	12	\$3.10
1/2" X 1/2" X 1/2"	UC362LFA	24	\$3.10
1/2" X 1/2" X 1/2" (10 Pack)	UC362LFA10	6	\$26.50
1/2" X 1/2" X 1/2" (100 Pack)	UC362LFA100	1	\$265.00
5/8" X 5/8" X 5/8"	UC366LFA	12	\$4.10
3/4" X 3/4" X 3/4"	UC370LFA	12	\$4.10
3/4" X 3/4" X 3/4" (10 Pack)	UC370LFA10	6	\$35.00
3/4" X 3/4" X 3/4" (100 Pack)	UC370LFA100	1	\$350.00
1" X 1" X 1"	UC374LFA	3	\$7.40
1" X 1" X 1" (10 Pack)	UC374LFA10	6	\$63.00
TEES WHOLESALE PACKAGED			
3/8" X 3/8" X 3/8"	UC360LF	10	\$2.60
1/2" X 1/2" X 1/2"	UC362LF	25	\$2.60
5/8" X 5/8" X 5/8"	UC366LF	10	\$3.20

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
TEES WHOLESALE PACKAGED			
3/4" X 3/4" X 3/4"	UC370LF	25	\$3.60
1" X 1" X 1"	UC374LF	10	\$6.40
BULLNOSE TEES RETAIL PACKAGED			
1/2" X 1/2" X 3/4" Bull Nose	UC408LFA	12	\$4.10
3/4" X 3/4" X 1" Bull Nose	UC413LFA	6	\$7.40
BULLNOSE TEES WHOLESALE PACKAGED			
1/2" X 1/2" X 3/4" Bull Nose	UC408LF	25	\$3.60
3/4" X 3/4" X 1" Bull Nose	UC413LF	10	\$6.40
REDUCING TEES RETAIL PACKAGED			
3/8" X 3/8" X 1/2" Reducing	UC364LFA	6	\$3.50
1/2" X 3/8" X 3/8" Reducing	UC452LFA	12	\$3.10
1/2" X 1/2" X 3/8" Reducing	UC363LFA	12	\$3.50
3/4" X 3/4" X 1/2" Reducing	UC412LFA	24	\$4.10
3/4" X 3/4" X 1/2" Reducing (10 Pack)	UC412LFA10	6	\$35.00
3/4" X 1/2" X 1/2" Reducing	UC454LFA	12	\$4.10
3/4" X 1/2" X 1/2" Reducing (10 Pack)	UC454LFA10	6	\$35.00
3/4" X 1/2" X 3/4" Reducing	UC444LFA	12	\$4.10
3/4" X 1/2" X 3/4" Reducing (10 Pack)	UC444LFA10	6	\$35.00
1" X 3/4" X 3/4" Reducing	UC414LFA	6	\$7.40
1" X 1" X 1/2" Reducing	UC415LFA	6	\$7.40
1" X 1" X 3/4" Reducing	UC416LFA	3	\$7.40
1" X 3/4" X 1" Reducing	UC418LFA	6	\$7.40
REDUCING TEES WHOLESALE PACKAGED			
3/8" X 3/8" X 1/2" Reducing	UC364LF	10	\$2.60
1/2" X 3/8" X 3/8" Reducing	UC452LF	10	\$2.60
1/2" X 1/2" X 3/8" Reducing	UC363LF	10	\$2.60
1/2" X 3/8" X 1/2" Reducing	UC434LF	10	\$2.60
3/4" X 3/4" X 3/8" Reducing	UC417LF	10	\$3.60
3/4" X 3/4" X 1/2" Reducing	UC412LF	25	\$3.60
3/4" X 1/2" X 1/2" Reducing	UC454LF	25	\$3.60
3/4" X 1/2" X 3/4" Reducing	UC444LF	25	\$3.60
1" X 3/4" X 3/4" Reducing	UC414LF	10	\$6.40
1" X 1" X 1/2" Reducing	UC415LF	10	\$6.40
1" X 1" X 3/4" Reducing	UC416LF	10	\$6.40
1" X 3/4" X 1" Reducing	UC418LF	10	\$6.40
SWIVEL ADAPTERS RETAIL PACKAGED			
3/8" X 3/8" FNPT Swivel Adapter	UC527LFA	6	\$4.00
1/2" X 1/2" FNPT Swivel Adapter	UC526LFA	12	\$3.50
1/2" X 1/2" FNPT Swivel Adapter (10 Pack)	UC526LFA10	6	\$30.00
1/2" X 3/4" FNPT Swivel Adapter	UC534LFA	24	\$7.30
3/4" X 3/4" FNPT Swivel Adapter	UC530LFA	6	\$7.30
3/4" X 1" Swivel Adapter	UC529LFA	6	\$12.50
1" X 1" FNPT Swivel Adapter	UC594LFA	6	\$8.50








PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
SWIVEL ADAPTERS WHOLESALE PACKAGED			
3/8" X 3/8" FNPT Swivel Adapter	UC527LF	10	\$3.00
1/2" X 1/2" FNPT Swivel Adapter	UC526LF	25	\$3.00
1/2" X 3/4" FNPT Swivel Adapter	UC534LF	25	\$6.30
3/4" X 3/4" FNPT Swivel Adapter	UC530LF	25	\$6.30
3/4" X 1" Swivel Adapter	UC529LF	10	\$11.50
1" X 1" FNPT Swivel Adapter	UC594LF	10	\$7.50
SWIVEL ELBOWS RETAIL PACKAGED			
3/8" X 1/2" MNPT Swivel Elbow	UC531LFA	6	\$4.10
1/2" X 1/2" FNPT Swivel Elbow	UC532LFA	6	\$4.10
SWIVEL ELBOWS WHOLESALE PACKAGED			
3/8" X 1/2" MNPT Swivel Elbow	UC531LF	10	\$3.10
1/2" X 1/2" FNPT Swivel Elbow	UC532LF	25	\$3.10
SWIVEL TOILET CONNECTION ELBOWS RETAIL PACKAGED			
1/2" X 7/8" Straight Swivel Toilet Connectors	UC528LFA	6	\$5.20
SWIVEL TOILET CONNECTION ELBOWS WHOLESALE PACKAGED			
1/2" X 7/8" Straight Swivel Toilet Connectors	UC528LF	10	\$4.20
3/8" X 7/8" Elbow Swivel Toilet Connectors	23068LF	6	\$4.40
1/2" X 7/8" Elbow Swivel Toilet Connectors	23067LF	6	\$4.40
PLUGS RETAIL PACKAGED			
3/8"	UC512LFA	12	\$1.40
1/2"	UC514LFA	12	\$1.40
1/2" (5 Pack)	UC514LFA5	6	\$6.00
1/2" (100 Pack)	UC514LFA100	1	\$120.00
5/8"	UC516LFA	12	\$2.30
3/4"	UC518LFA	12	\$1.75
1"	UC520LFA	6	\$3.30
PLUGS WHOLESALE PACKAGED			
3/8"	UC512LF	10	\$0.90
1/2"	UC514LF	25	\$0.90
5/8"	UC516LF	10	\$1.75
3/4"	UC518LF	25	\$1.25
1"	UC520LF	10	\$2.30
COPPER STUBOUT ELBOWS WHOLESALE PACKAGED			
1/2" X Closed (4" X 8")	22791	6	\$8.40
1/2" X Closed (4" X 8") with Mounting Bracket	25094A	6	\$13.00
3/8" X 1/2" (4" X 4")	23069	6	\$7.30
1/2" X 1/2" (4" X 4")	23070	6	\$7.30
COPPER MANIFOLDS WITH BARB BRANCHES RETAIL PACKAGED			
4 Port Open	22786A	6	\$31.00
6 Port Closed	22787A	6	\$36.00
6 Port Open	22788A	1	\$36.00

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
COPPER MANIFOLDS WITH BARB BRANCHES WHOLESALE PACKAGED			
3 Port Closed	22783	1	\$25.00
3 Port Open	22784	1	\$25.00
4 Port Closed	22785	1	\$30.00
4 Port Open	22786	1	\$30.00
6 Port Closed	22787	1	\$35.00
6 Port Open	22788	1	\$35.00
8 Port Closed	22789	1	\$40.00
8 Port Open	22790	1	\$40.00
BARB MANIFOLDS WITH BALL VALVES WHOLESALE PACKAGED			
Manifold 8 Port with Ball Valves	RM22708	1	\$215.00
Manifold 12 Port with Ball Valves	RM22712	1	\$355.00
Manifold 16 Port with Ball Valves	RM22716	1	\$420.00
Manifold 20 Port with Ball Valves	RM22720	1	\$550.00
Manifold 24 Port with Ball Valves	RM22724	1	\$630.00
Manifold 28 Port with Ball Valves	RM22728	1	\$640.00
Manifold 32 Port with Ball Valves	RM22732	1	\$700.00
Manifold 36 Port with Ball Valves	RM22736	1	\$780.00
BARB BALL VALVES RETAIL PACKAGED			
1/2"	22461LFA	12	\$10.60
3/4"	22462LFA	12	\$14.50
1"	22463LFA	6	\$25.00
BARB BALL VALVES WHOLESALE PACKAGED			
1/2"	22461LF	12	\$9.60
3/4"	22462LF	12	\$13.50
1"	22463LF	6	\$24.00
BARB BALL VALVES WITH DRAIN RETAIL PACKAGED			
1/2" with Drain	24612LFA	12	\$12.00
3/4" with Drain	24613LFA	12	\$16.00

4-B: PEX POLY ALLOY FITTINGS

COUPLINGS RETAIL PACKAGED			
1/2" X 1/2"	UP008A	24	\$1.75
1/2" X 1/2" (5 Pack)	UP008A5	6	\$7.50
1/2" X 1/2" (10 Pack)	UP008A10	6	\$15.00
3/4" X 3/4"	UP016A	12	\$2.10
3/4" X 3/4" (5 Pack)	UP016A5	6	\$9.00
3/4" X 3/4" (10 Pack)	UP016A10	6	\$18.00
1" X 1"	UP020A	6	\$2.90
1" X 1" (5 Pack)	UP020A5	6	\$12.50
1" X 1" (10 Pack)	UP020A10	6	\$25.00
COUPLINGS WHOLESALE PACKAGED			
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



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
REDUCING COUPLINGS RETAIL PACKAGED			
 3/4" X 1/2" Reducing	UP058A	12	\$1.75
3/4" X 1/2" Reducing (5 Pack)	UP058A5	6	\$7.50
1" X 3/4" Reducing	UP060A	6	\$2.90
1" X 3/4" Reducing (5 Pack)	UP060A5	6	\$12.50
1" X 3/4" Reducing (10 Pack)	UP060A10	6	\$25.00
REDUCING COUPLINGS WHOLESALE PACKAGED			
3/4" X 1/2" Reducing	UP058	25	\$0.75
1" X 3/4" Reducing	UP060	25	\$1.90
CONNECTORS RETAIL PACKAGED			
 1/2" X 1/2" MNPT Straight	UP120A	12	\$2.40
1/2" X 1/2" MNPT Straight (5 Pack)	UP120A5	6	\$10.50
1/2" X 1/2" MNPT Straight (10 Pack)	UP120A10	6	\$21.00
3/4" X 3/4" MNPT Straight	UP134A	6	\$2.90
3/4" X 3/4" MNPT Straight (5 Pack)	UP134A5	6	\$12.50
CONNECTORS WHOLESALE PACKAGED			
1/2" X 1/2" MNPT Straight	UP120	25	\$1.35
3/4" X 3/4" MNPT Straight	UP134	25	\$1.90
1" X 1" MNPT Straight	UP140	25	\$3.40
REDUCING CONNECTORS RETAIL PACKAGED			
 3/4" X 1/2" MNPT Reducing	UP138A	12	\$2.90
3/4" X 1/2" MNPT Reducing (5 Pack)	UP138A5	6	\$12.50
REDUCING CONNECTORS WHOLESALE PACKAGED			
3/4" X 1/2" MNPT Reducing	UP138	25	\$1.90
ELBOWS RETAIL PACKAGED			
 1/2" X 1/2"	UP248A	24	\$2.10
1/2" X 1/2" (5 Pack)	UP248A5	6	\$9.00
1/2" X 1/2" (10 Pack)	UP248A10	6	\$18.00
3/4" X 3/4"	UP256A	24	\$2.50
3/4" X 3/4" (5 Pack)	UP256A5	6	\$11.00
3/4" X 3/4" (10 Pack)	UP256A10	6	\$22.00
1" X 1"	UP260A	6	\$3.60
1" X 1" (5 Pack)	UP260A5	6	\$15.50
1" X 1" (10 Pack)	UP260A10	6	\$31.00
ELBOWS WHOLESALE PACKAGED			
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 RETAIL PACKAGED			
 1/2" X 1/2" MNPT	UP280A	6	\$3.10
1/2" X 1/2" MNPT (5 Pack)	UP280A5	6	\$13.50
MALE ELBOWS WHOLESALE PACKAGED			
1/2" X 1/2" MNPT	UP280	25	\$2.10

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
REDUCING ELBOWS RETAIL PACKAGED			
3/4" X 1/2"	UP274A	6	\$2.50
3/4" X 1/2" (5 Pack)	UP274A5	6	\$10.50
REDUCING ELBOWS WHOLESALE PACKAGED			
3/4" X 1/2"	UP274	25	\$1.45
TEES RETAIL PACKAGED			
3/8" X 3/8" X 3/8"	UP360A	12	\$2.30
1/2" X 1/2" X 1/2"	UP362A	12	\$2.30
1/2" X 1/2" X 1/2" (5 Pack)	UP362A5	6	\$9.80
1/2" X 1/2" X 1/2" (10 Pack)	UP362A10	6	\$19.50
3/4" X 3/4" X 3/4"	UP370A	12	\$2.80
3/4" X 3/4" X 3/4" (5 Pack)	UP370A5	6	\$12.00
3/4" X 3/4" X 3/4" (10 Pack)	UP370A10	6	\$24.00
1" X 1" X 1"	UP374A	6	\$4.20
TEES WHOLESALE PACKAGED			
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 RETAIL PACKAGED			
1/2" X 1/2" X 3/4"	UP408A	12	\$2.80
1/2" X 1/2" X 3/4" (5 Pack)	UP408A5	6	\$12.00
3/4" X 3/4" X 1/2"	UP412A	12	\$2.80
3/4" X 3/4" X 1/2" (5 Pack)	UP412A5	6	\$12.00
3/4" X 3/4" X 1/2" (10 Pack)	UP412A10	6	\$24.00
3/4" X 1/2" X 3/4"	UP444A	12	\$2.80
3/4" X 1/2" X 3/4" (5 Pack)	UP444A5	6	\$12.00
3/4" X 1/2" X 1/2"	UP454A	12	\$2.80
3/4" X 1/2" X 1/2" (5 Pack)	UP454A5	6	\$12.00
REDUCING TEES WHOLESALE PACKAGED			
1/2" X 1/2" X 3/4"	UP408	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
3/4" X 1/2" X 1/2"	UP454	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 RETAIL PACKAGED			
1/2"	UP514A	12	\$1.45
1/2" (5 Pack)	UP514A5	6	\$6.30
1/2" (10 Pack)	UP514A10	6	\$12.50
3/4"	UP518A	12	\$1.65
3/4" (5 Pack)	UP518A5	6	\$7.00
3/4" (10 Pack)	UP518A10	6	\$14.00





PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
PLUGS RETAIL PACKAGED			
1"	UP520A	6	\$1.85
1" (10 Pack)	UP520A10	6	\$15.50
PLUGS WHOLESALE PACKAGED			
1/2"	UP514	25	\$0.45
3/4"	UP518	25	\$0.65
1"	UP520	25	\$0.85
ADAPTERS RETAIL PACKAGED			
1/2" Female Swivel Adapter	UP526A	12	\$2.50
1/2" Female Swivel Adapter (5 Pack)	UP526A5	6	\$10.50
3/8" Female Swivel Adapter	UP527A	6	\$2.50
1/2" X 1/2" Swivel Elbow Adapter	UP532A	6	\$2.50
1/2" X 1/2" Swivel Elbow Adapter (5 Pack)	UP532A5	6	\$10.50
ADAPTERS WHOLESALE PACKAGED			
1/2" Female Swivel Adapter	UP526	25	\$1.50
3/8" Female Swivel Adapter	UP527	10	\$1.50
1/2" X 1/2" Swivel Elbow Adapter	UP532	25	\$1.50

4-C: PEX BARB STOP & FIXTURE SUPPLY FITTINGS

PEX CHROME PLATED ANGLE STOPS			
1/2" X 1/4" Compression Angle Stop	23056LF	6	\$9.00
1/2" X 3/8" Compression Angle Stop	23058LF	24	\$9.00
1/2" X 3/4" MHT Angle Stop	23064LF	6	\$12.50
1/2" X 3/8" Compression X 3/8" Compression Angle Stop	23066LF	6	\$11.00
PEX CHROME PLATED STRAIGHT STOPS			
1/2" X 1/4" OD Compression Straight Stop	23517LF	6	\$9.00
3/8" X 3/8" Straight Stop	23382LF	6	\$9.00
1/2" X 3/8" OD Compression Straight Stop	23057LF	24	\$9.00
1/2" X 3/8" Straight Stop	23062LF	6	\$9.00
1/2" X 1/2" MPT Straight Stop	23061LF	6	\$9.00
1/2" X 1/2" Straight Stop	23063LF	12	\$9.00
WASHING MACHINE VALVES			
1/2" X 3/4" MHT Angle Stop (Blue Handle) with Extended Shank	24813A	6	\$20.00
1/2" X 3/4" MHT Angle Stop (Red Handle) with Extended Shank	24998A	6	\$20.00
ICE MAKER VALVES			
1/2" X 1/4" Compression Angle Stop with Extended Shank	25095A	6	\$35.00

4-D: PEX BARB ACCESSORIES

CLAMP RINGS RETAIL PACKAGED			
3/8" (10 Pack)	UC952A	6	\$5.50
1/2" (10 Pack)	UC953A	12	\$5.50
1/2" (100 Pack)	UC953CP100	1	\$46.00
3/4" (10 Pack)	UC955A	12	\$6.50
3/4" (100 Pack)	UC955CP100	1	\$56.00
1" (10 Pack)	UC956A	6	\$8.50



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
CLAMP RINGS WHOLESALE PACKAGED			
3/8"	UC952	100	\$0.45
1/2"	UC953	100	\$0.45
5/8"	UC954	50	\$0.50
3/4"	UC955	100	\$0.55
1"	UC956	50	\$0.75
CRIMP RINGS RETAIL PACKAGED			
3/8" (25 Pack)	23101CP25	6	\$9.75
3/8" (100 Pack)	23101W	1	\$35.00
1/2" (25 Pack)	23102CP25	24	\$9.75
1/2" (100 Pack)	23102W	1	\$35.00
3/4" (25 Pack)	23103CP25	12	\$12.25
3/4" (100 Pack)	23103W	1	\$45.00
1" (25 Pack)	23104CP25	6	\$18.50
CRIMP RINGS WHOLESALE PACKAGED			
3/8"	23101	100	\$0.35
1/2"	23102	100	\$0.35
3/4"	23103	100	\$0.45
1"	23104	25	\$0.70
PEX ACCESSORIES			
3/8" J Hook Pex Pipe Clamp (10 Pack)	23065	12	\$3.00
1/2" J Hook Pex Pipe Clamp (10 Pack)	23220	12	\$3.00
1/2" J Hook Pex Pipe Clamp Bucket (200 Pack)	23220A200	4	\$51.00
3/4" J Hook Pex Pipe Clamp (10 Pack)	23221	12	\$3.00
PEX Stubout Bend Support Bracket, 18"	24602	25	\$7.00
PEX Stubout Bend Support (2 Pack - Used with 18" Bracket)	24603A2	6	\$10.00
1/2" Insulated Suspension Clamp (10 Pack)	23071A10	6	\$8.00
3/4" Insulated Suspension Clamp (10 Pack)	23072A10	6	\$8.50
1" Insulated Suspension Clamp (10 Pack)	23073A10	6	\$9.00
1/2" Pipe Insulator (10 Pack)	23074A10	6	\$10.00
3/4" Pipe Insulator (10 Pack)	23075A10	6	\$12.00
1" Pipe Insulator (10 Pack)	23076A10	6	\$16.00
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	\$3.50
3/4" Metal Pipe Support	23054	12	\$5.50
PEX Uncoiler	UFH034	1	\$710.00

4-E: PEX BARB TOOLS

PEX CRIMP TOOLS			
1/2", 3/4" PEX Combo Crimp Tool	23251	1	\$130.00
PEX Crimp Ring Tool Kit - 3/8", 1/2", 3/4", 1"	23100	1	\$220.00





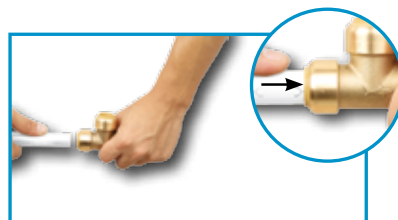
PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
PEX CLAMP TOOLS			
PEX Economy Clamp Tool (Cannot Calibrate)	24611	1	\$100.00
PEX Clamp Tool Standard Handles	23081	1	\$120.00
PEX Clamp Tool One-Hand Operation	UC961	1	\$130.00
PEX TUBING CUTTERS			
PEX Tubing Cutter	U701A	6	\$21.00
Compact Tubing Cutter	23369A	6	\$15.00
CRIMP RING GAUGES			
3/8", 1/2", 3/4" PEX Crimp Ring Gauge	23080	6	\$6.50
CRIMP RING REMOVAL TOOL			
PEX Crimp Ring Removal Tool	23055	6	\$45.00

HOW TO INSTALL SHARKBITE PUSH-TO-CONNECT PRODUCTS



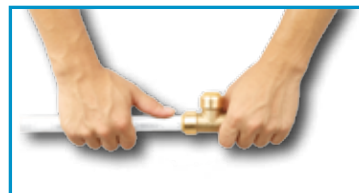
CUT:

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

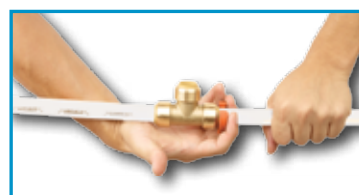


PUSH:

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	PART NUMBER	PART NUMBER	LIST PRICE
SECTION 5: SHARKBITE PEX PIPE				
5-A: POTABLE WATER PEX PIPE				
PEX PIPE (COILS)	WHITE	RED	BLUE	
1/4" 50' Coil Pipe	U850W50			\$20.00
3/8" 50' Coil Pipe	U855W50			\$22.50
3/8" 100' Coil Pipe	U855W100	U855R100	U855B100	\$45.00
1/2" 25' Coil Pipe	U860W25	U860R25	U860B25	\$12.50
1/2" 50' Coil Pipe	U860W50	U860R50	U860B50	\$25.00
1/2" 100' Coil Pipe	U860W100	U860R100	U860B100	\$50.00
1/2" 300' Coil Pipe	U860W300	U860R300	U860B300	\$150.00
1/2" 500' Coil Pipe	U860W500	U860R500	U860B500	\$250.00
3/4" 25' Coil Pipe	U870W25	U870R25	U870B25	\$22.50
3/4" 50' Coil Pipe	U870W50	U870R50	U870B50	\$45.00
3/4" 100' Coil Pipe	U870W100	U870R100	U870B100	\$90.00
3/4" 300' Coil Pipe	U870W300	U870R300	U870B300	\$270.00
3/4" 500' Coil Pipe	U870W500	U870R500	U870B500	\$450.00
1" 100' Coil Pipe	U880W100	U880R100	U880B100	\$160.00
1" 300' Coil Pipe	U880W300	U880R300	U880B300	\$480.00
1" 500' Coil Pipe	U880W500	U880R500	U880B500	\$800.00
1-1/4" 100' Coil Pipe	U885W100			\$300.00
1-1/2" 100' Coil Pipe	U890W100			\$450.00
2" 100' Coil Pipe	U895W100			\$850.00
PEX PIPE (STRAIGHT LENGTHS)	WHITE	RED	BLUE	
1/4" 5' Length Pipe	U850W5			\$2.00
3/8" 5' Length Pipe	U855W5			\$2.25
3/8" 10' Length Pipe	U855W10			\$4.50
1/2" 2' Length Pipe	U860W2	U860R2	U860B2	\$2.00
1/2" 5' Length Pipe	U860W5	U860R5	U860B5	\$2.50
1/2" 10' Length Pipe	U860W10	U860R10	U860B10	\$5.00
1/2" 20' Length Pipe	U860W20	U860R20	U860B20	\$10.00
3/4" 2' Length Pipe	U870W2	U870R2	U870B2	\$3.60
3/4" 5' Length Pipe	U870W5	U870R5	U870B5	\$4.50
3/4" 10' Length Pipe	U870W10	U870R10	U870B10	\$9.00
3/4" 20' Length Pipe	U870W20	U870R20	U870B20	\$18.00
1" 5' Length Pipe	U880W5	U880R5	U880B5	\$8.00
1" 10' Length Pipe	U880W10	U880R10	U880B10	\$16.00
1" 20' Length Pipe	U880W20	U880R20	U880B20	\$32.00
1-1/4" 20' Length Pipe	U885W20			\$60.00
1-1/2" 20' Length Pipe	U890W20			\$90.00
2" 20' Length Pipe	U895W20			\$170.00



PRODUCT DESCRIPTION	PART NUMBER	LIST PRICE
5-B: SPECIAL APPLICATION PEX PIPE		
INSULATED PEX PIPE	INSULATED	
3/8" 100' Coil Insulated Pipe	U855I100	\$875.00
1/2" 100' Coil Insulated Pipe	U860I100	\$900.00
3/4" 100' Coil Insulated Pipe	U870I100	\$1,000.00
1" 100' Coil Insulated Pipe	U880I100	\$1,200.00
RECLAIMED WATER PEX PIPE	RECLAIMED	
1/2" 100' Coil Purple Pipe	U860P100	\$60.00
1/2" 300' Coil Purple Pipe	U860P300	\$180.00
3/4" 100' Coil Purple Pipe	U870P100	\$110.00
3/4" 300' Coil Purple Pipe	U870P300	\$330.00
1" 100' Coil Purple Pipe	U880P100	\$190.00
1" 300' Coil Purple Pipe	U880P300	\$570.00
OXYGEN BARRIER PEX PIPE (COILS)	OXYGEN BARRIER	
3/8" 100' Coil PEX Pipe Orange Color	U855O100	\$70.00
3/8" 300' Coil PEX Pipe Orange Color	U855O300	\$210.00
3/8" 500' Coil PEX Pipe Orange Color	U855O500	\$350.00
1/2" 100' Coil PEX Pipe Orange Color	U860O100	\$70.00
1/2" 300' Coil PEX Pipe Orange Color	U860O300	\$210.00
1/2" 500' Coil PEX Pipe Orange Color	U860O500	\$350.00
1/2" 1000' Coil PEX Pipe Orange Color	U860O1000	\$700.00
5/8" 300' Coil PEX Pipe Orange Color	U865O300	\$300.00
3/4" 100' Coil PEX Pipe Orange Color	U870O100	\$130.00
3/4" 300' Coil PEX Pipe Orange Color	U870O300	\$390.00
3/4" 500' Coil PEX Pipe Orange Color	U870O500	\$650.00
3/4" 1000' Coil PEX Pipe Orange Color	U870O1000	\$1,300.00
1" 100' Coil PEX Pipe Orange Color	U880O100	\$225.00
1" 300' Coil PEX Pipe Orange Color	U880O300	\$675.00
1" 500' Coil PEX Pipe Orange Color	U880O500	\$1,125.00
OXYGEN BARRIER PEX PIPE (STRAIGHT LENGTHS)	OXYGEN BARRIER	
1/2" 20' Length O2 barrier PEX Pipe Orange Color	U860O20	\$14.00
3/4" 20' Length O2 barrier PEX Pipe Orange Color	U870O20	\$26.00
1" 20' Length O2 barrier PEX Pipe Orange Color	U880O20	\$45.00

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.



SHARKBITE PEX CERTIFICATIONS



NSF/ANSI 14
NSF/ANSI 61



ASTM F 877



AWWA C904



ASTM F 876



CSA B137.5



UL 1821



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	PACK QTY	LIST PRICE
SECTION 6: CASH ACME PRESSURE REGULATING VALVES			
6-A: EB45			
<i>(FOR ADDITIONAL PRESSURE SETTINGS OR GAUGE CONNECTION BODIES CONTACT CUSTOMER SERVICE)</i>			
EB45 LEAD FREE SHARKBITE CONNECTIONS RETAIL PACKAGED			
<i>(FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. LISTED BY IAPMO & ASSE)</i>			
3/4" EB45-DSB Direct SharkBite	23858-0045	1	\$135.00
3/4" EB45-Slip DSB SharkBite Slip Regulator	24429-0045	1	\$164.00
EB45 LEAD FREE SHARKBITE CONNECTIONS			
<i>(FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. LISTED BY IAPMO & ASSE)</i>			
1/2" EB45-DSB Direct SharkBite	23807-0045	1	\$128.00
1/2" EB45-DSB Direct SharkBite Metal Top	24472-0045	1	\$140.00
1/2" EB45-SDSB Slip Feature Direct SharkBite	24383-0045	1	\$156.00
1/2" EB45-SDSB Slip Feature Direct SharkBite Metal Top	24474-0045	1	\$172.00
1/2" EB45-DUSB Double Union SharkBite	23893-0045	1	\$156.00
1/2" EB45-DUSB Double Union SharkBite Metal Top	24476-0045	1	\$172.00
3/4" EB45-DSB Direct SharkBite	23808-0045	1	\$132.00
3/4" EB45-DSB Direct SharkBite Metal Top	24473-0045	1	\$146.00
3/4" EB45-SDSB Slip Feature Direct SharkBite	24384-0045	1	\$160.00
3/4" EB45-SDSB Slip Feature Direct SharkBite Metal Top	24475-0045	1	\$176.00
3/4" EB45-DUSB Double Union SharkBite	23894-0045	1	\$160.00
3/4" EB45-DUSB Double Union SharkBite Metal Top	24477-0045	1	\$176.00
3/4" EB-45 Double Union SharkBite (60 PSI Setting)	23896-0060	1	\$176.00
3/4" EB45-DUSB Double Union SharkBite with Gauge Port	24449-0045	1	\$176.00
1" EB45-DSB Direct SharkBite	22675-0045	1	\$176.00
1" EB45-DUSB Double Union SharkBite	23358-0045	1	\$210.00
1" EB45-DUSB Double Union SharkBite (60 PSI Setting)	23945-0060	1	\$230.00
EB45 LEAD FREE THREADED NPT			
<i>(FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. LISTED BY IAPMO & ASSE.)</i>			
1/2" EB45 Threaded NPT	23880-0045	1	\$118.00
1/2" EB45 Threaded NPT Metal Top	24460-0045	1	\$130.00
3/4" EB45 Threaded NPT	23881-0045	1	\$120.00
3/4" EB45 Threaded NPT Metal Top	24461-0045	1	\$132.00
1" EB45 Threaded NPT	23164-0045	1	\$156.00
1-1/4" EB45 Threaded NPT	23166-0045	1	\$385.00
1-1/2" EB45 Threaded NPT	23167-0045	1	\$600.00
2" EB45 Threaded NPT	23160-0045	1	\$720.00
EB45-U LEAD FREE SINGLE UNION THREADED			
<i>(FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. LISTED BY IAPMO & ASSE.)</i>			
1/2" EB45-U Single Union Threaded	23882-0045	1	\$132.00
1/2" EB45-U Single Union Threaded Metal Top	24462-0045	1	\$146.00
3/4" EB45-U Single Union Threaded	23883-0045	1	\$134.00
3/4" EB45-U Single Union Threaded Metal Top	24463-0045	1	\$148.00
3/4" EB45-U Union Inlet w/Gauge Connection	24446-0045	1	\$148.00
1" EB45-U Single Union Threaded	23155-0045	1	\$174.00
1" EB45-U Union Inlet w/Gauge Connection	24450-0045	1	\$192.00



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
1-1/4" EB45-U Single Union Threaded	23158-0045	1	\$430.00
1-1/2" EB45-U Single Union Threaded	23168-0045	1	\$670.00
2" EB45-U Single Union Threaded	23161-0045	1	\$800.00
EB45-C LEAD FREE SINGLE UNION SWEAT (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. LISTED BY IAPMO & ASSE.)			
1/2" EB45-C Single Union Sweat	23886-0045	1	\$132.00
1/2" EB45-C Single Union Sweat Metal Top	24466-0045	1	\$146.00
3/4" EB45-C Single Union Sweat	23887-0045	1	\$134.00
3/4" EB45-C Single Union Sweat Metal Top	24467-0045	1	\$148.00
3/4" EB45-U Single Union Sweat with Gauge Port	24447-0045	1	\$148.00
1" EB45-C Single Union Sweat	23165-0045	1	\$174.00
1" EB45-C Valve Assy w/Gauge Connection	24451-0045	1	\$192.00
1-1/4" EB45-C Single Union Sweat	23908-0045	1	\$430.00
1-1/2" EB45-C Single Union Sweat	23909-0045	1	\$670.00
2" EB45-C Single Union Sweat	23910-0045	1	\$800.00
EB45-DU LEAD FREE DOUBLE UNION THREADED (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. LISTED BY IAPMO & ASSE.)			
1/2" EB45-DU Double Union Threaded	23884-0045	1	\$146.00
1/2" EB45-DU Double Union Threaded Metal Top	24464-0045	1	\$160.00
3/4" EB45-DU Double Union Threaded	23885-0045	1	\$148.00
3/4" EB45-DU Double Union Threaded Metal Top	24465-0045	1	\$162.00
1" EB45-DU Double Union Threaded	23156-0045	1	\$192.00
1-1/4" EB45-DU Double Union Threaded	23905-0045	1	\$475.00
1-1/2" EB45-DU Double Union Threaded	23906-0045	1	\$740.00
2" EB45-DU Double Union Threaded	23907-0045	1	\$880.00
EB45-CC LEAD FREE DOUBLE UNION SWEAT (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. LISTED BY IAPMO & ASSE.)			
1/2" EB45-CC Double Union Sweat	23888-0045	1	\$146.00
1/2" EB45-CC Double Union Sweat Metal Top	24468-0045	1	\$160.00
3/4" EB45-CC Double Union Sweat	23889-0045	1	\$148.00
3/4" EB45-CC Double Union Sweat Metal Top	24469-0045	1	\$162.00
1" EB45-CC Double Union Sweat	23157-0045	1	\$192.00
1-1/4" EB45-CC Double Union Sweat	23159-0045	1	\$475.00
1-1/2" EB45-CC Double Union Sweat	23898-0045	1	\$740.00
2" EB45-CC Double Union Sweat	23899-0045	1	\$880.00
EB45-DUPE LEAD FREE DOUBLE UNION PEX ENDS (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. LISTED BY IAPMO & ASSE.)			
3/4" EB45-DUPE Double Union PEX Ends	23891-0045	1	\$148.00
3/4" EB45-DUPE Double Union PEX Ends Metal Top	24471-0045	1	\$162.00
1" EB45-DUPE Double Union PEX Ends	23942-0045	1	\$192.00
EB45-DUCPVC LEAD FREE DOUBLE UNION CPVC ENDS (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 10-70 PSI. INTEGRAL BY-PASS FEATURE. LISTED BY IAPMO & ASSE.)			
3/4" EB45-DUCPVC Double Union CPVC Ends	23890-0045	1	\$148.00
3/4" EB45-DUCPVC Double Union CPVC Ends Metal Top	24470-0045	1	\$162.00
1" EB45-DUCPVC Double Union CPVC Ends	23941-0045	1	\$192.00

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
6-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. LISTED BY IAPMO & ASSE.)			
3/4" EB25-DUSB Double Union SharkBite	23955-0045	1	\$190.00
1" EB25-DUSB Double Union SharkBite	23956-0045	1	\$250.00
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. LISTED BY IAPMO & ASSE.)			
1/2" EB25-U Single Union Threaded	23135-0045	1	\$158.00
3/4" EB25-U Single Union Threaded	23136-0045	1	\$160.00
1" EB25-U Single Union Threaded	23138-0045	1	\$210.00
1-1/4" EB25-U Single Union Threaded	23141-0045	1	\$520.00
1-1/2" EB25-U Single Union Threaded	23144-0045	1	\$800.00
2" EB25-U Single Union Threaded	23145-0045	1	\$960.00
EB25-U NON-POTABLE SINGLE UNION THREADED (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR. LISTED BY IAPMO & ASSE.)			
1-1/4" EB25-U Single Union Threaded	22249-0045	1	\$430.00
1-1/2" EB25-U Single Union Threaded	22321-0045	1	\$670.00
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. LISTED BY IAPMO & ASSE.)			
1/2" EB25-C Single Union Sweat	23952-0045	1	\$158.00
3/4" EB25-C Single Union Sweat	23953-0045	1	\$160.00
1" EB25-C Single Union Sweat	23954-0045	1	\$210.00
1-1/4" EB25-C Single Union Sweat	23964-0045	1	\$520.00
1-1/2" EB25-C Single Union Sweat	23965-0045	1	\$800.00
2" EB25-C Single Union Sweat	23966-0045	1	\$960.00
EB25-C NON-POTABLE SINGLE UNION SWEAT (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR. LISTED BY IAPMO & ASSE.)			
1-1/4" EB25-C Single Union Sweat	22331-0045	1	\$430.00
1-1/2" EB25-C Single Union Sweat	22332-0045	1	\$670.00
2" EB25-C Single Union Sweat	22333-0045	1	\$800.00
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. LISTED BY IAPMO & ASSE.)			
1-1/4" EB25-DU Double Union Threaded	23142-0045	1	\$570.00
1-1/2" EB25-DU Double Union Threaded	23967-0045	1	\$890.00
2" EB25-DU Double Union Threaded	23968-0045	1	\$1,060.00
EB25-DU NON-POTABLE DOUBLE UNION THREADED (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR. LISTED BY IAPMO & ASSE.)			
1-1/4" EB25-DU Double Union Threaded	22250-0045	1	\$475.00
1-1/2" EB25-DU Double Union Threaded	22322-0045	1	\$740.00
2" EB25-DU Double Union Threaded	22324-0045	1	\$880.00
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. LISTED BY IAPMO & ASSE.)			
3/4" EB25-CC Double Union Sweat	23137-0045	1	\$178.00
1" EB25-CC Double Union Sweat	23139-0045	1	\$230.00
1-1/4" EB25-CC Double Union Sweat	23143-0045	1	\$570.00
1-1/2" EB25-CC Double Union Sweat	23969-0045	1	\$890.00
2" EB25-CC Double Union Sweat	23970-0045	1	\$1,060.00



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
EB25-CC NON-POTABLE DOUBLE UNION SWEAT (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-90 PSI. INTEGRAL BY-PASS FEATURE. FULL CARTRIDGE W/ PRESSURE INDICATOR. LISTED BY IAPMO & ASSE.)			
1-1/4" EB25-CC Double Union Sweat	22317-0045	1	\$475.00
1-1/2" EB25-CC Double Union Sweat	22427-0045	1	\$740.00
2" EB25-CC Double Union Sweat	22428-0045	1	\$880.00
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. LISTED BY IAPMO & ASSE.)			
3/4" EB25-DUPE Double Union PEX Ends	23957-0045	1	\$178.00
1" EB25-DUPE Double Union PEX Ends	23140-0045	1	\$230.00
EB25 LEAD FREE CONTRACTOR KITS (VALVE BODY AND TEMPORARY CAP WITH STRAINER)			
3/4" EB25-U Single Union Threaded Contractor Kit	24395	1	\$70.00
1" EB25-U Single Union Threaded Contractor Kit	24396	1	\$120.00
1" EB25-C Single Union Sweat Contractor Kit	24397	1	\$120.00
1-1/4" EB25-U Single Union Threaded Contractor Kit	24398	1	\$240.00
1-1/4" EB25-C Single Union Sweat Contractor Kit	23147	1	\$240.00
EB25 DIRECT BURIAL COVER KIT (INCLUDES PLASTIC COVER AND O-RING)			
1/2"-1" EB25 Direct Burial Cover Kit	22224	1	\$14.50
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. LISTED BY IAPMO & ASSE.)			
3/4" EB25 Threaded NPT Stainless Steel Valve	22263-0045	1	\$144.00
1" EB25 Threaded NPT Stainless Steel Valve	22266-0045	1	\$188.00
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. LISTED BY IAPMO & ASSE.)			
3/4" EB25-DU Double Union Threaded	22264-0045	1	\$178.00
1" EB25-DU Double Union Threaded	22267-0045	1	\$230.00
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	\$1,840.00
2-1/2" EB25 Multi-Cartridge Flanged	23996-0055	1	\$2,480.00
3" EB25 Multi-Cartridge Threaded NPT	23995-0055	1	\$2,620.00
3" EB25 Multi-Cartridge Flanged	23997-0055	1	\$3,530.00
4" EB25 Multi-Cartridge Flanged	23998-0055	1	\$4,220.00
EB25 NON-POTABLE 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	22391-0055	1	\$1,530.00
2-1/2" EB25 Multi-Cartridge Flanged	22624-0055	1	\$2,070.00
3" EB25 Multi-Cartridge Threaded NPT	22396-0055	1	\$2,180.00
3" EB25 Multi-Cartridge Flanged	22625-0055	1	\$2,940.00

6-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. LISTED BY IAPMO & ASSE.)

1/2" E3 Threaded NPT	24700-0045	1	\$455.00
3/4" E3 Threaded NPT	24703-0045	1	\$460.00
1" E3 Threaded NPT	24706-0045	1	\$600.00
1-1/4" E3 Threaded NPT	24709-0045	1	\$1,480.00
1-1/2" E3 Threaded NPT	24712-0045	1	\$2,310.00
2" E3 Threaded NPT	24715-0045	1	\$2,770.00

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
E3 NON-POTABLE THREADED NPT (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-70 PSI. LISTED BY IAPMO & ASSE.)			
1" E3 Threaded NPT	10932-0045	1	\$500.00
1-1/4" E3 Threaded NPT	11176-0045	1	\$1,230.00
1-1/2" E3 Threaded NPT	11180-0045	1	\$1,920.00
2" E3 Threaded NPT	11184-0045	1	\$2,300.00



6-D: E41			
<i>(FOR ADDITIONAL PRESSURE SETTINGS CONTACT CUSTOMER SERVICE. NONSTANDARD PRESSURE SETTINGS INCUR A 10% PRICE PREMIUM.)</i>			
E41 LEAD FREE THREADED NPT (FACTORY SET AT 45 PSI, ADJUSTABLE FROM 20-70 PSI. LISTED BY ASSE.)			
1/2" E41 Threaded NPT	24478-0045	1	\$380.00
3/4" E41 Threaded NPT	24480-0045	1	\$385.00
1" E41 Threaded NPT	24482-0045	1	\$500.00
1-1/4" E41 Threaded NPT	24484-0045	1	\$1,230.00
1-1/2" E41 Threaded NPT	24486-0045	1	\$1,920.00
2" E41 Threaded NPT	24487-0045	1	\$2,300.00



6-E: E56			
<i>(FOR ADDITIONAL PRESSURE SETTINGS CONTACT CUSTOMER SERVICE. NONSTANDARD PRESSURE SETTINGS INCUR A 10% PRICE PREMIUM.)</i>			
E56 LEAD FREE HIGH CAPACITY REGULATOR (FACTORY SET AT 45 PSI.)			
2" E56 Threaded NPT	24454-0045	1	\$2,300.00
2" E56 Flanged	24457-0045	1	\$3,110.00
2-1/2" E56 Threaded NPT	24455-0045	1	\$2,720.00
2-1/2" E56 Flanged	24458-0045	1	\$3,670.00
3" E56 Threaded NPT	24456-0045	1	\$3,870.00
3" E56 Flanged	24459-0045	1	\$5,220.00
E56 NON-POTABLE HIGH CAPACITY REGULATOR (FACTORY SET AT 45 PSI.)			
2" E56 Flanged	07294-0045	1	\$2,670.00
2-1/2" E56 Threaded	07293-0045	1	\$2,340.00
2-1/2" E56 Flanged	07295-0045	1	\$3,160.00



6-F: EB75			
<i>(FOR ADDITIONAL PRESSURE SETTINGS CONTACT CUSTOMER SERVICE.)</i>			
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	\$64.00
3/4" EB75 FPT X FPT (Valve is not a cartridge based design; 0-20 psi range)	20662-0005	1	\$65.00
1/2" EB75 FPT X FPT (Cartridge based design; 10-70 psi range)	22999-0045	1	\$54.00
3/4" EB75 FPT X FPT (Cartridge based design; 10-70 psi range)	23000-0045	1	\$55.00
EB75P NON-POTABLE PRESSURE REGULATORS FOR PROPANE (PLASTIC T-HANDLE, DIAPHRAGM LINER. STANDARD PRESSURE RANGE 0-20 PSI.)			
1/2" Threaded Inlet	20657-0008	1	\$62.00
1/2" Threaded Inlet with Clean-Out Plug	20664-0010	1	\$62.00



6-G: PRESSURE REGULATOR REPAIR KITS			
EB45 REPAIR KITS			
EB45 Cartridge Kit-Compact Model (1/2"-3/4" Compact Models)	23870	1	\$48.00
EB45 Cartridge Kit-Classic Model (1/2"-1" Classic Models)	22595	1	\$53.00
EB45 Cartridge Kit (1-1/4"-2" Models)	23871	1	\$190.00



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
EB25 REPAIR KITS			
EB25 Cartridge Kit (1/2"-1" Models)	23148	1	\$90.00
EB25 Cartridge Kit (1-1/4"-2" Models and Multi-Cartridge)	23149	1	\$280.00
E3 REPAIR KITS			
1/2" Repair Kit	11488	1	\$81.00
3/4" Repair Kit	11489	1	\$97.00
1" Repair Kit	11490	1	\$140.00
1-1/4" Repair Kit	11491	1	\$210.00
1-1/2" Repair Kit	11492	1	\$265.00
2" Repair Kit	11493	1	\$335.00
E41 REPAIR KITS			
1/2" Repair Kit	11259	1	\$63.00
3/4" Repair Kit	11260	1	\$75.00
1" Repair Kit	11261	1	\$110.00
1-1/4" Repair Kit	11262	1	\$168.00
1-1/2" Repair Kit	11263	1	\$184.00
2" Repair Kit	11264	1	\$240.00
E56 REPAIR KIT			
All Repair Kit	20778	1	\$240.00
EB86 REPAIR KITS			
1/2" or 3/4" Repair Kit	14511	1	\$56.00
1" Repair Kit	14512	1	\$68.00
1-1/4" Repair Kit	17073	1	\$160.00
1-1/2" Repair Kit	17078	1	\$172.00
2" Repair Kit	17083	1	\$192.00

SECTION 7: CASH ACME THERMOSTATIC MIXING VALVES

7-A: DISTRIBUTION & IN-LINE THERMOSTATIC MIXING VALVES

TANK BOOSTER LEAD FREE RETAIL PACKAGED (ASSE 1070 & CSA B 125.3)

3/4" Heatguard Tank Booster with Integral Checks	24409	1	\$180.00
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TANK BOOSTER PRO LEAD FREE (ASSE 1017, 1070, & CSA B 125.3)

3/4" Heatguard Tank Booster Pro with Integral Checks	24832	1	\$180.00
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HG110-D LEAD FREE (ASSE 1017, 1069, 1070, & CSA B 125.3)

1/2" HG110-D with SharkBite Connections and Integral Checks	24504	1	\$170.00
3/4" HG110-D with SharkBite Connections and Integral Checks	24505	1	\$172.00
1/2" HG110-D with Threaded FNPT Connections and Integral Checks	24510	1	\$170.00
3/4" HG110-D with Threaded MNPT Connections and Integral Checks	24511	1	\$172.00
1/2" HG110-D with Sweat Connections and Integral Checks	24501	1	\$160.00
3/4" HG110-D with Sweat Connections and Integral Checks	24502	1	\$160.00
1" HG110-D with Sweat Connections and Integral Checks	24503	1	\$170.00
1/2" HG110-D with CPVC Connections and Integral Checks	24508	1	\$160.00
3/4" HG110-D with CPVC Connections and Integral Checks	24509	1	\$160.00
1/2" HG110-D with Barb Connections and Integral Checks	24506	1	\$160.00
3/4" HG110-D with Barb Connections and Integral Checks	24507	1	\$160.00

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
HG110-D LEAD FREE WITH INTEGRATED SHARKBITE CONNECTIONS			
1/2" HG110-D with Integrated SharkBite Connections	24548	1	\$190.00
3/4" HG110-D with Integrated SharkBite Connections	24549	1	\$192.00



7-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	\$180.00
3/4" HG160 with SharkBite Connections and Integral Checks	24530	1	\$182.00
1/2" HG160 with Threaded NPT Connections and Integral Checks	24536	1	\$180.00
1/2" HG160 with Sweat Connections and Integral Checks	24528	1	\$170.00
1/2" HG160 with CPVC Connections and Integral Checks	24533	1	\$170.00
3/4" HG160 with CPVC Connections and Integral Checks	24534	1	\$170.00
1/2" HG160 with Barb Connections and Integral Checks	24531	1	\$170.00
3/4" HG160 with Barb Connections and Integral Checks	24532	1	\$170.00
HG145 LEAD FREE (ASSE 1070 & CSA B 125.3)			
3/8" HG145 with Compression Connections and Integral Checks	24524	1	\$120.00
3/8" HG145 with Compression Connections, Tee & Elbow and Integral Checks	24525	1	\$130.00



7-C: RADIANT HEATING THERMOSTATIC MIXING VALVES			
HG110-HX (RADIANT APPLICATIONS, ASSE 1017 & CSA B 125.3)			
1/2" HG110-HX with Threaded NPT Connections and Integral Checks	24517	1	\$170.00
3/4" HG110-HX with Threaded NPT Connections and Integral Checks	24518	1	\$172.00
1/2" HG110-HX with Sweat Connections and Integral Checks	24513	1	\$160.00
3/4" HG110-HX with Sweat Connections and Integral Checks	24514	1	\$160.00
1" HG110-HX with Sweat Connections and Integral Checks	24515	1	\$170.00



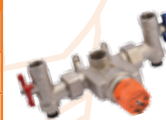
7-D: HIGH CAPACITY THERMOSTATIC MIXING VALVES			
HG115 LEAD FREE HIGH CAPACITY (ASSE 1017 & CSA B 125.3)			
3/4" HG115 with Threaded NPT Connections and Integral Checks	24522	1	\$370.00
3/4" HG115 with Sweat Connections and Integral Checks	24519	1	\$360.00
1" HG115 with Sweat Connections and Integral Checks	24520	1	\$370.00
1-1/4" HG115 with Sweat Connections and Integral Checks	24521	1	\$380.00



7-E: SHUT-OFF THERMOSTATIC MIXING VALVES			
HEATGUARD TAFR SHUT-OFF DEVICES (ASSE 1062 & CSA B 125.3)			
1/2" Shower Device	24718	1	\$57.00
1/2" Tap Device (For Faucet Spout)	24719	1	\$70.00



7-F: MASTER DISTRIBUTION NON-POTABLE THERMOSTATIC MIXING VALVES			
MASTERGUARD 800 SERIES HIGH CAPACITY (ASSE 1017 & CSA B 125.3)			
Masterguard 810- 1/2" Inlet X 3/4" Outlet with 4-in-1 Fittings	MIX81001	1	\$830.00
Masterguard 830- 3/4" Inlet X 1" Outlet with 4-in-1 Fittings	MIX83001	1	\$1,110.00





PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
MASTERGUARD 800 SERIES HIGH CAPACITY LEAD FREE (ASSE 1017 & CSA B 125.3)			
Masterguard 830 3/4" Inlet x 1" Outlet LF	24539	1	\$1,300.00
Masterguard 840 1" Inlet x 1-1/4" Outlet LF	24540	1	\$1,700.00
Masterguard 850 1-1/4" Inlet x 1-1/2" Outlet LF	24541	1	\$2,000.00
Masterguard 860 1-1/4" Inlet x 1-1/2" Outlet LF	24542	1	\$2,500.00

7-G: THERMOSTATIC MIXING VALVE ACCESSORIES

TEMPERATURE GAUGE

3/4" Tank Booster Pro Temperature Gauge	25376	1	\$30.00
1" Temperature Gauge (For HG110D, HG115, HG110HX, HG160)	24412	1	\$40.00

SECTION 8: CASH ACME RELIEF VALVES

8-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. AGA & ASME CERTIFIED.)

1/2" NCLX-1	16483-0150	1	\$29.00
3/4" NCLX-1	16487-0150	1	\$25.00
1/2" NCLX-5, AGA only	15912-0150	1	\$22.50
3/4" NCLX-5	15836-0150	1	\$18.00
3/4" NCLX-5L	18821-0150	1	\$23.50
3/4" NCLX-5LX	19783-0150	1	\$26.00
3/4" NCLX-LS	19084-0150	1	\$30.50
3/4" NCLX-A	22348-0150	1	\$36.00
3/4" NCLX-8	16372-0150	1	\$36.00

NCLX RESIDENTIAL TEMPERATURE & PRESSURE RELIEF VALVES RETAIL 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. AGA & ASME CERTIFIED.)

3/4" NCLX-5 (Clam Packaged)	23576-0150	6	\$21.00
3/4" NCLX-LX (Clam Packaged)	23577-0150	6	\$33.50
3/4" NCLX-A (Clam Packaged)	24658-0150	6	\$39.00

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. AGA & ASME CERTIFIED.)

1/2" NCLX-1	23277-0150	1	\$43.50
3/4" NCLX-1	23279-0150	1	\$37.50
1/2" NCLX-5, AGA only	23278-0150	1	\$34.00
3/4" NCLX-5	23261-0150	1	\$27.00
3/4" NCLX-5L	23354-0150	1	\$35.50
3/4" NCLX-LS	23268-0150	1	\$46.00
3/4" NCLX-5LX	23266-0150	1	\$39.00
3/4" NCLX-8	23272-0150	1	\$54.00





PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
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	\$178.00
3/4" FVX-5C Female Inlet	16931-0150	1	\$198.00
3/4" FVX-8C Female Inlet	16932-0150	1	\$220.00
3/4" FVMX-3C Male Inlet	16933-0150	1	\$124.00
3/4" FVMX-5C Male Inlet	16934-0150	1	\$96.00
3/4" FVMX-5LS Male Inlet	20682-0150	1	\$108.00
3/4" FVMX-8C Male Inlet	16935-0150	1	\$198.00
3/4" FVMX-1LS Male Inlet, Long Shank	20113-0150	1	\$360.00
1" FVX-3C Female Inlet	16936-0150	1	\$260.00
1" FVX-5C Female Inlet	16937-0150	1	\$305.00
1" FVX-5L Female Inlet	15638-0150	1	\$375.00
1" FVX-8L Female Inlet	17354-0150	1	\$445.00
1" FVMX-3C Male Inlet	16938-0150	1	\$178.00
1" FVMX-5C Male Inlet	16939-0150	1	\$130.00
1" FVMX-4LS Male Inlet, Long Shank	22894-0150	1	\$455.00
1-1/4" X 1" FVMX-4L Male Inlet, Long Shank	15672-0150	1	\$445.00
1-1/2" FVX-4 Female Inlet, Long Shank	16221-0150	1	\$940.00
2" X 1-1/2" FVMX-3 Male Inlet	16225-0150	1	\$990.00
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	\$265.00
3/4" FVX-5C Female Inlet	23256-0150	1	\$295.00
3/4" FVX-8C Female Inlet	23355-0150	1	\$330.00
3/4" FVMX-3C Male Inlet	23274-0150	1	\$186.00
3/4" FVMX-5C Male Inlet	23255-0150	1	\$144.00
3/4" FVMX-8C Male Inlet	23275-0150	1	\$295.00
3/4" FVMX-1LS Male Inlet, Long Shank	23260-0150	1	\$540.00
1" FVX-3C Female Inlet	23259-0150	1	\$390.00
1" FVX-5C Female Inlet	23931-0150	1	\$460.00
1" FVX-5L Female Inlet	23257-0150	1	\$570.00
1" FVX-8L Female Inlet	23273-0150	1	\$670.00
1" FVMX-3C Male Inlet	23253-0150	1	\$265.00
1" FVMX-5C Male Inlet	23276-0150	1	\$144.00
1-1/4" X 1" FVMX-4L Male Inlet, Long Shank	23934-0150	1	\$670.00
1-1/2" FVX-4 Female Inlet, Long Shank	23935-0150	1	\$1,410.00
2" X 1-1/2" FVMX-3 Male Inlet	23936-0150	1	\$1,490.00

8-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	\$21.00
3/4" FWL-2 Pressure Only, AGA & ASME	14737-0150	1	\$19.00

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
LEAD FREE FWL-2 PRESSURE RELIEF VALVES (PRESSURE ONLY)			
3/4" FWL-2 Pressure Only, AGA & ASME	23343-0150	1	\$28.50
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	\$27.00
3/4" Pressure Only, Male Inlet/Female Outlet without Lift Lever	22835-0100	1	\$27.00
3/4" Pressure Only, Male Inlet/Female Outlet without Lift Lever	22836-0075	1	\$27.00
1/2" Pressure Only, Male Inlet/Female Outlet without Lift Lever	22862-0125	1	\$22.50
1/2" Pressure Only, Male Inlet/Female Outlet without Lift Lever	22863-0100	1	\$22.50
1/2" Pressure Only, Male Inlet/Female Outlet without Lift Lever	22864-0075	1	\$22.50
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	\$23.50
3/4" F-30 FIP X FIP set at 30 psi	22887-0030	1	\$23.50
3/4" F-82 Bronze Body with Lever set at 30 psi	13570-0030	1	\$87.00
3/4" F-82 Bronze Body with Lever set at 50 psi	13570-0050	1	\$87.00
3/4" F-82 Bronze Body with Lever set at 75 psi	13570-0075	1	\$87.00
3/4" F-82 Bronze Body with Lever set at 100 psi	13570-0100	1	\$87.00
3/4" F-82 Bronze Body with Lever set at 125 psi	13570-0125	1	\$87.00
3/4" F-82 Bronze Body with Lever set at 150 psi	13570-0150	1	\$87.00
1" F-82 Bronze Body with Lever set at 30 psi	15673-0030	1	\$102.00
1" F-82 Bronze Body with Lever set at 50 psi	15673-0050	1	\$102.00
1" F-82 Bronze Body with Lever set at 75 psi	15673-0075	1	\$102.00
1" F-82 Bronze Body with Lever set at 100 psi	15673-0100	1	\$102.00
1" F-82 Bronze Body with Lever set at 125 psi	15673-0125	1	\$102.00
1" F-82 Bronze Body with Lever set at 150 psi	15673-0150	1	\$102.00
1-1/4" F-82 Bronze Body with Lever set at 50 psi	16174-0050	1	\$365.00
1-1/4" F-82 Bronze Body with Lever set at 100 psi	16174-0100	1	\$365.00
1-1/4" F-82 Bronze Body with Lever set at 150 psi	16174-0150	1	\$365.00
1-1/2" F-82 Bronze Body with Lever set at 50 psi	16189-0050	1	\$465.00
1-1/2" F-82 Bronze Body with Lever set at 100 psi	16189-0100	1	\$465.00
1-1/2" F-82 Bronze Body with Lever set at 150 psi	16189-0150	1	\$465.00
2" F-82 Bronze Body with Lever set at 50 psi	16204-0050	1	\$630.00
2" F-82 Bronze Body with Lever set at 100 psi	16204-0100	1	\$630.00
2" F-82 Bronze Body with Lever set at 150 psi	16204-0150	1	\$630.00
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	\$35.50
3/4" F-82 Bronze Body with Lever set at 30 psi	23341-0030	1	\$130.00
3/4" F-82 Bronze Body with Lever set at 50 psi	23341-0050	1	\$130.00
3/4" F-82 Bronze Body with Lever set at 75 psi	23341-0075	1	\$130.00
3/4" F-82 Bronze Body with Lever set at 100 psi	23341-0100	1	\$130.00
3/4" F-82 Bronze Body with Lever set at 125 psi	23341-0125	1	\$130.00
3/4" F-82 Bronze Body with Lever set at 150 psi	23341-0150	1	\$130.00
1" F-82 Bronze Body with Lever set at 30 psi	23356-0030	1	\$154.00
1" F-82 Bronze Body with Lever set at 50 psi	23356-0050	1	\$154.00
1" F-82 Bronze Body with Lever set at 75 psi	23356-0075	1	\$154.00

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
1" F-82 Bronze Body with Lever set at 100 psi	23356-0100	1	\$154.00
1" F-82 Bronze Body with Lever set at 125 psi	23356-0125	1	\$154.00
1" F-82 Bronze Body with Lever set at 150 psi	23356-0150	1	\$154.00
1-1/4" F-82 Bronze Body with Lever set at 50 psi	23937-0050	1	\$550.00
1-1/4" F-82 Bronze Body with Lever set at 100 psi	23937-0100	1	\$550.00
1-1/4" F-82 Bronze Body with Lever set at 150 psi	23937-0150	1	\$550.00
1-1/2" F-82 Bronze Body with Lever set at 50 psi	23938-0050	1	\$700.00
1-1/2" F-82 Bronze Body with Lever set at 100 psi	23938-0100	1	\$700.00
1-1/2" F-82 Bronze Body with Lever set at 150 psi	23938-0150	1	\$700.00
2" F-82 Bronze Body with Lever set at 50 psi	23939-0050	1	\$950.00
2" F-82 Bronze Body with Lever set at 100 psi	23939-0100	1	\$950.00
2" F-82 Bronze Body with Lever set at 150 psi	23939-0150	1	\$950.00
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	\$75.00
3/4" X 1" F-95 Iron Body with Lever set at 50 psi	19497-0050	1	\$75.00
3/4" X 1" F-95 Iron Body with Lever set at 75 psi	19497-0075	1	\$75.00
1" X 1-1/4" F-95 Iron Body with Lever set at 30 psi	19499-0030	1	\$140.00
1" X 1-1/4" F-95 Iron Body with Lever set at 50 psi	19499-0050	1	\$140.00
1" X 1-1/4" F-95 Iron Body with Lever set at 75 psi	19499-0075	1	\$140.00
1-1/4" X 1-1/2" F-95 Iron Body with Lever set at 30 psi	19501-0030	1	\$375.00
1-1/4" X 1-1/2" F-95 Iron Body with Lever set at 50 psi	19501-0050	1	\$375.00
1-1/4" X 1-1/2" F-95 Iron Body with Lever set at 75 psi	19501-0075	1	\$375.00
1-1/2" X 2" F-95 Iron Body with Lever set at 30 psi	19503-0030	1	\$400.00
1-1/2" X 2" F-95 Iron Body with Lever set at 50 psi	19503-0050	1	\$400.00
1-1/2" X 2" F-95 Iron Body with Lever set at 75 psi	19503-0075	1	\$400.00
2" X 2-1/2" F-95 Iron Body with Lever set at 30 psi	19505-0030	1	\$740.00
2" X 2-1/2" F-95 Iron Body with Lever set at 50 psi	19505-0050	1	\$740.00
2" X 2-1/2" F-95 Iron Body with Lever set at 75 psi	19505-0075	1	\$740.00
F & FW SERIES RELIEF VALVES			
1/2" F Pressure Only, Male Inlet/Female Outlet (25-200 psi)	07420-0150	1	\$44.00
1/2" X 3/8" FP Pressure Only, Male Inlet/3/8" Female Outlet (25-200 psi)	07410-0150	1	\$35.50
1/2" FW Pressure Only (15-200 psi)	09553-0125	1	\$54.00
3/4" FW Pressure Only (15-200 psi)	09554-0125	1	\$54.00
LEAD FREE FWC ADJUSTABLE PRESSURE RELIEF VALVES (25-175 PSI, CALIBRATED STEM)			
1/2" Pressure Only	09563-0125LF	1	\$70.00
3/4" Pressure Only	09564-0125LF	1	\$70.00

8-C: VACUUM RELIEF VALVES**LEAD FREE VR-801 VACUUM RELIEF VALVES**

1/2" Drilled Vent, w/Dust Cover	22397-0000LF	1	\$21.00
3/4" Drilled Vent, w/Dust Cover	22398-0000LF	1	\$21.00



PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
SECTION 9: CASH ACME BACKFLOW PREVENTION			
9-A: VACUUM BREAKERS			
V-3 NON-POTABLE VACUUM BREAKERS HOSE BIBB TYPE			
3/4" V-3 Vacuum Breaker, Hose Bibb Type with Locking Screw	17148-0000	1	\$5.60
3/4" V-3C Vacuum Breaker, Hose Bibb Type, Chrome Plated	17195-0000	1	\$10.50
V-3 LEAD FREE VACUUM BREAKERS HOSE BIBB TYPE			
3/4" V-3 Vacuum Breaker, Hose Bibb Type with Locking Screw	17148-0000LF	1	\$6.70
3/4" V-3C Vacuum Breaker, Hose Bibb Type, Chrome Plated	17195-0000LF	1	\$12.60
VB-222 NON-POTABLE VACUUM BREAKERS (SELF DRAINING, FREEZE PROOF)			
3/4" VB-222 Vacuum Breaker, Self Draining with Locking Screw	19600-0000	1	\$15.00
3/4" VB-222C Chrome Plated Vacuum Breaker, Self Draining with Locking Screw	21896-0000	1	\$20.00
VB-222 LEAD FREE VACUUM BREAKERS (SELF DRAINING, FREEZE PROOF)			
3/4" VB-222 Vacuum Breaker, Self Draining with Locking Screw	19600-0000LF	1	\$18.00
3/4" VB-222C Chrome Plated Vacuum Breaker, Self Draining with Locking Screw	21896-0000LF	1	\$24.00
V-101 NON-POTABLE ANTI-SIPHON VACUUM BREAKERS			
1/2" V-101 Anti-Siphon Vacuum Breaker, Brass, 212°F (100°C) Max	17383-0000	1	\$21.50
3/4" V-101 Anti-Siphon Vacuum Breaker, Brass, 212°F (100°C) Max	17384-0000	1	\$28.00
V-101 LEAD FREE ANTI-SIPHON VACUUM BREAKERS			
1/2" V-101 Anti-Siphon Vacuum Breaker, Brass, 212°F (100°C) Max	17383-0000LF	1	\$26.00
3/4" V-101 Anti-Siphon Vacuum Breaker, Brass, 212°F (100°C) Max	17384-0000LF	1	\$33.50
1" V-101 Anti-Siphon Vacuum Breaker, Brass, 212°F (100°C) Max	17385-0000LF	1	\$50.00
1/2" V-101C Anti-Siphon Vacuum Breaker, Chrome, 212°F (100°C) Max	17389-0000LF	1	\$43.00
3/4" V-101C Anti-Siphon Vacuum Breaker, Chrome, 212°F (100°C) Max	17390-0000LF	1	\$49.00

9-B: DUAL CHECK BACKFLOW PREVENTERS			
BF SERIES - LEAD FREE DUAL CHECK BACKFLOW PREVENTER			
3/4" BF1 Dual Check Backflow Preventer, Threaded Union Inlet	17217-0000LF	1	\$56.00
1" BF1 Dual Check Backflow Preventer, Threaded Union Inlet	17218-0000LF	1	\$66.00
1" X 3/4" BF5 Dual Check Backflow Preventer, Meter Swivel Nut Union Inlet	22343-0000LF	1	\$56.00
BF SERIES - NON-POTABLE DUAL CHECK BACKFLOW PREVENTER			
3/4" BF1 Dual Check Backflow Preventer, Threaded Union Inlet	17217-0000	1	\$44.50
1" BF1 Dual Check Backflow Preventer, Threaded Union Inlet	17218-0000	1	\$44.50
BFP SERIES - LEAD FREE CONTINUOUS TYPE BACKFLOW PREVENTER WITH ATMOSPHERIC VENT			
1/2" BFP Continuous Type Backflow Preventer, Female Union Inlet & Outlet	21574-0000LF	1	\$65.00
3/4" BFP Continuous Type Backflow Preventer, Female Union Inlet & Outlet	21575-0000LF	1	\$65.00
1/2" BFP Continuous Type Backflow Preventer, Copper Sweat Union Inlet & Outlet	22760-0000LF	1	\$76.00
3/4" Continuous Type Backflow Preventer, Copper Sweat Union Inlet & Outlet	22762-0000LF	1	\$76.00

PRODUCT DESCRIPTION	PART NUMBER	PACK QTY	LIST PRICE
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SECTION 10: CASH ACME GENERAL PLUMBING & HEATING PRODUCTS

10-A: PLUMBING PRODUCTS

WASHING MACHINE SHUT-OFF VALVES

1/2" WM-1 Male Threaded (Non-Potable)	16962-0000	1	\$40.00
1/2" WM-2 Copper Sweat (Non-Potable)	17087-0000	1	\$40.00



10-B: HEATING PRODUCTS

NON-POTABLE A SERIES BOILER FEED VALVES (AB-40 & A-43 BRONZE BODY, A-89 IRON BODY)

1/2" AB-40 Combo Union, In-Built Bypass	12214-0014	1	\$124.00
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NON-POTABLE BFAC

1/2" BFA Single Union Sweat Combination Backflow Preventer/PRV	23029-0014	1	\$176.00
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NON-POTABLE CBL DUAL CONTROL FOR HOT WATER BOILERS (DELUXE MODEL)

1/2" CBL Bronze Body (2 Story)	02323-0002	1	\$455.00
1/2" CBL Bronze Body (5 Story)	02323-0005	1	\$455.00

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	\$275.00
1/2" CR Iron Body, Threaded, Rapid Fill	18394-0002	1	\$196.00
1/2" CRC Iron Body, Copper Sweat, Rapid Fill	18398-0002	1	\$176.00

NON-POTABLE AIR SEPARATORS

1/2" Air Separator	24077	1	\$80.00
1" Air Separator	24079	1	\$120.00
1-1/4" Air Separator	24080	1	\$146.00
1-1/2" Air Separator	24081	1	\$132.00
2" Air Separator	24082	1	\$235.00

NON-POTABLE AP SERIES AIR PURGERS

1" Air Purger	24083	1	\$26.50
1-1/4" Air Purger	24084	12	\$26.50
2" Air Purger	24086	1	\$87.00
2-1/2" Air Purger	24087	1	\$172.00
3" Air Purger	24088	1	\$192.00
4" Air Purger, Flanged	24089	1	\$500.00

NON-POTABLE AP SERIES AIR VENTS

1/8" Air Vent, Brass	24090	1	\$8.80
1/4" Air Vent, Brass	24091	1	\$8.80



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 AND CASH ACME PRODUCTS

WHAT DOES THIS WARRANTY COVER?

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

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

WHAT ARE THE CONDITIONS OF THIS WARRANTY?

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

HOW DO YOU GET SERVICE?

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

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

WHAT WILL RWC DO?

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

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

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

WHAT DOES THIS LIMITED WARRANTY NOT COVER?

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

MISCELLANEOUS

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

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

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

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

CLASSIFICATION	PRODUCT CATEGORY	LIMITED WARRANTY PERIOD	CONDITIONS
SharkBite Connection Systems	SharkBite Brass and Poly PEX Barb Fittings in conjunction with SharkBite PEX Pipe and SharkBite Rings/Clamps	Twenty-Five (25) Years	System must be installed by a licensed professional plumbing contractor and include: <ul style="list-style-type: none"> • SharkBite PEX Pipe Only - ASTM F876/CSA B137.5 • SharkBite Copper Crimp Rings – ASTM F1807 or F2159 • Stainless Steel Clamp Rings – ASTM F2098
SharkBite and Cash Acme Products	SharkBite Universal Push-to-Connect Fittings and SharkBite 2XL Large Diameter Push-to-Connect Fittings in Application with Copper, PEX, CPVC and/or PE-RT	Twenty-Five (25) Years	Must be used with: <ul style="list-style-type: none"> • Copper–ASTM B 88 hard drawn copper tube K, L, and M • PEX–ASTM F876/CSA B137.5 • CPVC–ASTM D2846 or CSA B137.6 • PE-RT–ASTM F2769
	SharkBite Universal Push-to-Connect Fittings and SharkBite 2XL Large Diameter Push-to-Connect Fittings in Application with HDPE	Five (5) Years	Must be used with: <ul style="list-style-type: none"> • HDPE SDR-9 ASTM D2737
	SharkBite PEX Pipe	Twenty-Five (25) Years	Must be used with: <ul style="list-style-type: none"> • ASSE 1061, ASTM F1807, ASTM F2098, and/or ASTM F2159 fittings
	SharkBite Brass PEX Barb Fittings/ Copper Manifold	Five (5) Years	Must be used with Non-SharkBite PEX Pipe and Clamps/Rings that conform to: <ul style="list-style-type: none"> • PEX – ASTM F876/CSA B137.5 • Copper Crimp Rings – ASTM F1807 • Stainless Steel Clamp Rings – ASTM F2098
	SharkBite Poly PEX Barb Fittings	Five (5) Years	Must be used with Non-SharkBite PEX Pipe and Clamps/Rings that conform to: <ul style="list-style-type: none"> • PEX – ASTM F876/CSA B137.5 • Copper Crimp Rings – ASTM F2159 • Stainless Steel Clamp Rings – ASTM F2098
	SharkBite 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

Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page		
24472-0045	12, 31	24732LF	10	SB0635	13	U068LF	4	U278LFA	5	U359LFA	6	U722LF	9
24473-0045	12, 31	24733LF	10	SB0641	13	U068LFA	3	U280LF	5	U360LF	5	U722LFA	9
24474-0045	12, 31	24734LF	10	SB0654	13	U070LF	4	U280LFA	5	U360LFA	5	U724LF	9
24475-0045	13, 31	24735LF	11	SB0735	14	U070LFA	3	U281LF	11	U362LF	5	U724LFA	9
24476-0045	12, 31	24736LF	11	SB0741	14	U072LF	4	U281LFA	11	U362LFA	5	U766LF	9
24477-0045	13, 31	24737LF	11	SB0754	14	U072LFA	3	U286LF	5	U363LF	6	U766LFA	9
24478-0045	35	24763	8	SB0835	14	U072LFA4	3	U286LFA	5	U363LFA	6	U772LF	9
24480-0045	35	24813A	24	SB08353516	14	U086LFA	3	U3001A	7	U364LF	6	U772LFA	9
24482-0045	35	24832	36	SB08353522	14	U088LF	4	U3008FLEX18LF	8	U364LFA	6	U782LF	10
24484-0045	35	24946	9	SB08353528	14	U088LFA	3	U3008LF	3	U366	12	U782LFA	10
24486-0045	35	24947	10	SB0841	14	U092LF	4	U3008LFA	3	U370LF	5	U850W5	27
24487-0045	35	24983A	10	SB08414122	14	U092LFA	3	U3016FLEX18LF	8	U370LFA	5	U850W50	27
24501	36	24984A	10	SB08414128	14	U094LF	4	U3016LF	3	U3712	12	U855B100	27
24502	36	24985A	10	SB08414135	14	U094LFA	3	U3016LFA	3	U3712A	12	U8551100	28
24503	36	24986A	10	SB0854	14	U110LF	4	U3020LF	3	U374LF	5	U8550100	28
24504	13, 36	24987A	10	SB08545428	14	U110LFA	4	U3020LFA	3	U374LFA	5	U8550300	28
24505	13, 36	25024	8	SB08545435	14	U116LF	4	U3068FLEX12LF	8	U4008LF	7	U8550500	28
24506	36	25031	8	SB08545441	14	U116LFA	4	U3068FLEX15LF	8	U4008LFA	7	U855R100	27
24507	36	25032	8	SB113532F	13	U118LF	4	U3068FLEX18BVL	8	U4016LF	7	U855W5	27
24508	36	25033	8	SB113532M	14	U118LFA	4	U3068FLEX18LF	8	U4016LFA	7	U855W10	27
24509	36	25087	8	SB114140F	13	U120LF	4	U3068FLEX24LF	8	U412LF	6	U855W50	27
24510	36	25088	8	SB114140M	14	U120LFA	4	U3086FLEX24LF	8	U412LFA	6	U855W100	27
24511	36	25094A	20	SB115450F	13	U126	11	U3088FLEX12LF	8	U416LF	6	U860B2	27
24513	37	25095A	24	SB115450M	14	U134LF	4	U3088FLEX15LF	8	U416LFA	6	U860B5	27
24514	37	25376	38	SBBV35	15	U134LFA	4	U3088FLEX18BVL	8	U4358LF	10	U860B10	27
24515	37	MIX81001	37	SBBV41	15	U138LF	4	U3088FLEX18LF	8	U4358LFA	10	U860B20	27
24517	37	MIX83001	37	SBBV54	15	U138LFA	4	U3088FLEX24LF	8	U444LF	6	U860B25	27
24518	37	RM22708	21	SBDC35	15	U139LF	4	U308LF	5	U444LFA	6	U860B50	27
24519	37	RM22712	21	SBDC354154	15	U139LFA	4	U308LFA	4	U4482LF	6	U860B100	27
24520	37	RM22716	21	SBDC41	15	U140LF	4	U314LF	5	U4482LFA	6	U860B300	27
24521	37	RM22720	21	SBDC54	15	U140LFA	4	U314LFA	4	U454LF	6	U860B500	27
24522	37	RM22724	21	SBG03	15	U142LF	4	U332LF	5	U454LFA	6	U8601100	28
24524	37	RM22728	21	SRTL35	15	U142LFA	4	U332LFA	5	U462LF	6	U860020	28
24525	37	RM22732	21	SRTL41	15	U2008-0000LF	11	U334LF	5	U464LF	6	U8600100	28
24528	37	RM22736	21	SRTL54	15	U2008-0000LFA	11	U334LFA	5	U512LF	6	U8600300	28
24529	13, 37	SB0135	13	SS3086FLEX24LF	8	U2016-0000LF	11	U335LF	5	U512LFA	6	U8600500	28
24530	13, 37	SB013528	13	SS3088FLEX18LF	8	U2016-0000LFA	11	U335LFA	5	U514LF	6	U86001000	28
24531	37	SB0141	13	SS3088FLEX24LF	8	U2020-0000LF	11	U3358LF	10	U514LFA	6	U860P100	28
24532	37	SB014128	13	SS3094FLEX24LF	8	U2020-0000LFA	11	U3358LFA	10	U514LFA4	6	U860P300	28
24533	37	SB014135	13	SS3096FLEX24LF	8	U2276LF	11	U3362LF	6	U516	12	U860R2	27
24534	37	SB0154	13	U004LF	3	U2276LFA	11	U3362LFA	6	U518LF	7	U860R5	27
24536	37	SB015441	13	U004LFA	3	U244LF	4	U3370LF	6	U518LFA	6	U860R10	27
24539	38	SB0235	14	U006LF	3	U244LFA	4	U3370LFA	6	U520LF	7	U860R20	27
24540	38	SB0241	14	U006LFA	3	U246LF	4	U340LF	5	U520LFA	6	U860R25	27
24541	38	SB0254	14	U008LF	3	U246LFA	4	U340LFA	5	U702	12	U860R50	27
24542	38	SB0335	14	U008LFA	3	U248LF	4	U3482LF	6	U702A	12	U860R100	27
24548	13, 37	SB03353516	14	U008LFA4	3	U248LFA	4	U3482LFA	6	U706	12	U860R300	27
24549	13, 37	SB03353522	14	U009LF	3	U248LFA4	4	U3486LF	6	U706A	12	U860R500	27
24602	25	SB03353528	14	U009LFA	3	U249LF	5	U3486LFA	6	U708	12	U860W2	27
24603A2	25	SB0341	14	U012	11	U249LFA	5	U351LFA	9	U708A	12	U860W5	27
24611	26	SB03414122	14	U016LF	3	U252	11	U3523LF	10	U710	12	U860W10	27
24612LFA	21	SB03414128	14	U016LFA	3	U256LF	4	U3523LFA	10	U710A	12	U860W20	27
24613LFA	21	SB03414135	14	U020LF	3	U256LFA	4	U3524LF	10	U711A	12	U860W25	27
24658-0150	38	SB0354	14	U020LFA	3	U260LF	4	U3524LFA	10	U712	12	U860W50	27
24700-0045	34	SB03545428	14	U050LF	3	U260LFA	4	U3525LF	10	U712A	12	U860W100	27
24703-0045	34	SB03545435	14	U050LFA	3	U272LF	5	U3525LFA	10	U713A	12	U860W300	27
24706-0045	34	SB03545441	14	U057	11	U272LFA	5	U3531LF	10	U714	12	U860W500	27
24709-0045	34	SB0435	15	U058LF	3	U273	12	U3531LFA	10	U714A	12	U8650300	28
24712-0045	34	SB0441	15	U058LFA	3	U274LF	5	U3537LF	10	U715A	12	U870B2	27
24715-0045	34	SB0454	15	U060LF	3	U274LFA	5	U3537LFA	10	U719LF	9	U870B5	27
24718	37	SB0535	14	U060LFA	3	U276LF	11	U358LF	5	U719LFA	9	U870B10	27
24719	37	SB0541	14	U066LF	4	U276LFA	11	U358LFA	5	U721LF	9	U870B20	27
24731LF	10	SB0554	14	U066LFA	3	U278LF	5	U359LF	6	U721LFA	9	U870B25	27

Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page	Part Number	Page
U870B50	27	UC008LF	15	UC248LFA100	17	UC416LFA	19	UC953	25	UP256	22
U870B100	27	UC008LFA	15	UC252LF	18	UC417LF	19	UC953A	24	UP256A	22
U870B300	27	UC008LFA10	15	UC252LFA	17	UC418LF	19	UC953CP100	24	UP256A5	22
U870B500	27	UC008LFA100	15	UC256LF	18	UC418LFA	19	UC954	25	UP256A10	22
U8701100	28	UC009LF	16	UC256LFA	17	UC434LF	19	UC955	25	UP260	22
U870020	28	UC009LFA	16	UC256LFA10	17	UC444LF	19	UC955A	24	UP260A	22
U8700100	28	UC012LF	15	UC256LFA100	17	UC444LFA	19	UC955CP100	24	UP260A5	22
U8700300	28	UC012LFA	15	UC260LF	18	UC444LFA10	19	UC956	25	UP260A10	22
U8700500	28	UC016LF	15	UC260LFA	17	UC452LF	19	UC956A	24	UP274	23
U87001000	28	UC016LFA	15	UC260LFA10	17	UC452LFA	19	UFH034	25	UP274A	23
U870P100	28	UC016LFA10	15	UC272LF	18	UC454LF	19	UIP120A	7	UP274A5	23
U870P300	28	UC016LFA100	15	UC272LFA	18	UC454LFA	19	UIP134A	7	UP280	22
U870R2	27	UC020LF	15	UC273LF	18	UC454LFA10	19	UIP140A	7	UP280A	22
U870R5	27	UC020LFA	15	UC273LFA	18	UC512LF	20	UIP3008A	7	UP280A5	22
U870R10	27	UC020LFA10	15	UC274LF	18	UC512LFA	20	UIP3016A	7	UP360	23
U870R20	27	UC057LF	16	UC274LFA	18	UC514LF	20	UIP3020A	7	UP360A	23
U870R25	27	UC057LFA	16	UC278LF	18	UC514LFA	20	UIP363A	7	UP362	23
U870R50	27	UC058LF	16	UC280LF	18	UC514LFA5	20	UIP364A	7	UP362A	23
U870R100	27	UC058LFA	16	UC280LFA	18	UC514LFA100	20	UIP371A	7	UP362A5	23
U870R300	27	UC060LF	16	UC286LF	18	UC516LF	20	UIP372A	7	UP362A10	23
U870R500	27	UC060LFA	16	UC334LF	18	UC516LFA	20	UIP375A	7	UP370	23
U870W2	27	UC068LF	16	UC334LFA	18	UC518LF	20	UIP376A	7	UP370A	23
U870W5	27	UC068LFA	16	UC340LF	18	UC518LFA	20	UIP4008A	7	UP370A5	23
U870W10	27	UC072LF	16	UC340LFA	18	UC520LF	20	UIP4016A	7	UP370A10	23
U870W20	27	UC072LFA	16	UC342LF	18	UC520LFA	20	UIP4020A	7	UP374	23
U870W25	27	UC072LFA5	16	UC342LFA	18	UC526LF	20	UIP710A	7	UP374A	23
U870W50	27	UC072LFA10	16	UC360LF	18	UC526LFA	19	UIP712A	7	UP408	23
U870W100	27	UC072LFA100	16	UC360LFA	18	UC526LFA10	19	UIP714A	7	UP408A	23
U870W300	27	UC088LF	16	UC362LF	18	UC527LF	20	UIP716A	7	UP408A5	23
U870W500	27	UC088LFA	16	UC362LFA	18	UC527LFA	19	UP008	21	UP412	23
U880B5	27	UC088LFA5	16	UC362LFA10	18	UC528LF	20	UP008A	21	UP412A	23
U880B10	27	UC088LFA100	16	UC362LFA100	18	UC528LFA	20	UP008A5	21	UP412A5	23
U880B20	27	UC094LF	16	UC363LF	19	UC529LF	20	UP008A10	21	UP412A10	23
U880B100	27	UC094LFA	16	UC363LFA	19	UC529LFA	19	UP016	21	UP414	23
U880B300	27	UC094LFA10	16	UC364LF	19	UC530LF	20	UP016A	21	UP415	23
U880B500	27	UC116LF	16	UC364LFA	19	UC530LFA	19	UP016A5	21	UP416	23
U8801100	28	UC116LFA	16	UC366LF	18	UC531LF	20	UP016A10	21	UP444	23
U880020	28	UC118LF	16	UC366LFA	18	UC531LFA	20	UP020	21	UP444A	23
U8800100	28	UC188LFA	16	UC370LF	19	UC532LF	20	UP020A	21	UP444A5	23
U8800300	28	UC120LF	16	UC370LFA	18	UC532LFA	20	UP020A5	21	UP454	23
U8800500	28	UC120LFA	16	UC370LFA10	18	UC534LF	20	UP020A10	21	UP454A	23
U880P100	28	UC120LFA10	16	UC370LFA100	18	UC534LFA	19	UP058	22	UP454A5	23
U880P300	28	UC120LFA100	16	UC374LF	19	UC594LF	20	UP058A	22	UP514	24
U880R5	27	UC126LF	17	UC374LFA	18	UC594LFA	19	UP058A5	22	UP514A	23
U880R10	27	UC126LFA	16	UC374LFA10	18	UC600LF	17	UP060	22	UP514A5	23
U880R20	27	UC134LF	17	UC4006LF	17	UC600LFA	17	UP060A	22	UP514A10	23
U880R100	27	UC134LFA	16	UC4006LFA	17	UC600LFA10	17	UP060A5	22	UP518	24
U880R300	27	UC134LFA10	16	UC4008LF	17	UC605LF	17	UP060A10	22	UP518A	23
U880R500	27	UC134LFA100	16	UC4008LFA	17	UC605LFA	17	UP120	22	UP518A5	23
U880W5	27	UC138LF	17	UC4016LF	17	UC606LF	17	UP120A	22	UP518A10	23
U880W10	27	UC138LFA	16	UC4016LFA	17	UC606LFA	17	UP120A5	22	UP520	24
U880W20	27	UC139LF	17	UC408LF	19	UC606LFA10	17	UP120A10	22	UP520A	24
U880W100	27	UC139LFA	16	UC408LFA	19	UC607LF	17	UP134	22	UP520A10	24
U880W300	27	UC140LF	17	UC412LF	19	UC607LFA	17	UP134A	22	UP526	24
U880W500	27	UC140LFA	16	UC412LFA	19	UC607LFA10	17	UP134A5	22	UP526A	24
U885W20	27	UC140LFA3	16	UC412LFA10	19	UC608LF	17	UP138	22	UP526A5	24
U885W100	27	UC142LF	17	UC413LF	19	UC608LFA	17	UP138A	22	UP527	24
U890W20	27	UC142LFA	16	UC413LFA	19	UC609LF	17	UP138A5	22	UP527A	24
U890W100	27	UC246LF	18	UC414LF	19	UC609LFA	17	UP140	22	UP532	24
U895W20	27	UC246LFA	17	UC414LFA	19	UC626LF	18	UP248	22	UP532A	24
U895W100	27	UC248LF	18	UC415LF	19	UC628LF	18	UP248A	22	UP532A5	24
UC006LF	15	UC248LFA	17	UC415LFA	19	UC952	25	UP248A5	22		
UC006LFA	15	UC248LFA10	17	UC416LF	19	UC952A	24	UP248A10	22		

NOTES

Ruled area for notes, consisting of horizontal lines.



Reliance Worldwide Corporation

2727 Paces Ferry Road SE
Building 2, Suite 1800
Atlanta, GA 30339
Phone: 1-877-700-4242 • Fax: 1-877-700-4280
www.rwc.com



www.sharkbite.com | www.cashacme.com

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