

RETAIL PRODUCT CATALOG

9th Edition

APOLLO

by  MOSACK GROUP



On April 24, 1928, American Lubricator and Brass Co. and Sterling & Skinner Manufacturing Co., two established Detroit-based manufacturers of brass valves and fittings, merged and adopted a new name, Consolidated Brass Company.

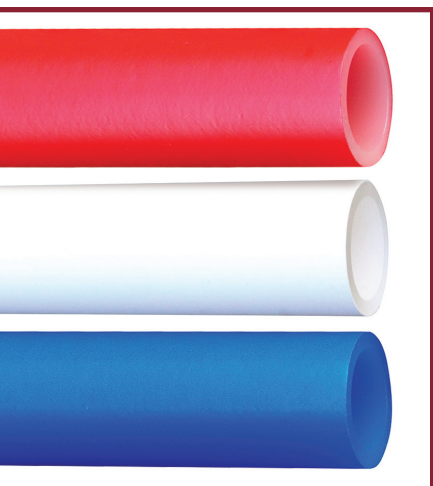
The company relocated to Charlotte, NC in 1955. It expanded to Pageland, SC in 1968 and to Conway, SC in 1982. The name of the company was changed to Consolidated Valve Industries in 1975 and Conbraco Industries, Inc. on July 28, 1977.

In 2018, Glenn Mosack broke out on his own and started The Mosack Group, Inc. by acquiring the retail division of Conbraco Industries, Inc. In 2020, The Mosack Group Inc. completed construction on a 126,000 sq. ft. corporate headquarters and warehouse in Mint Hill, NC. The headquarters expanded in 2022 by adding an additional 106,000 sq. ft. of warehouse and manufacturing space. In 2023 a Calgary-based company, HeatLink, was acquired by The Mosack Group, Inc. HeatLink is a multi-system supplier of potable water and radiant hydronic heating/cooling and snow melt systems.

Today, The Mosack Group, Inc. is continually striving to be the premier solution for plumbing system connections.



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Expansion PEX

PEX-A PIPE

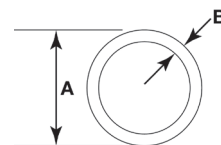
PEX-A tubing is cross-linked, high-density polyethylene. All Apollo Expansion PEX is available in red, white and blue for easy identification of hot, cold, and main water lines. Apollo uses the high-pressure peroxide method of cross-linking which is also known as PEX-A.

Apollo Expansion PEX pipe is produced using the high-pressure peroxide method for cross-linked polyethylene (PEXa) in accordance with ASTM F876, F877, CSA B137.5 and PPI TR-3, and is certified to NSF 14/61 standards. Apollo Expansion PEX pipe also meets the requirements of ASTM F2023 for chlorine resistance. Apollo Expansion PEX pipe is manufactured using a quality management system which has been certified to the latest version of ISO 9001

Use of Apollo Expansion PEX pipe in heating systems requires corrosion protection and/or isolation by using a heat exchanger or non-ferrous components throughout the system.

Features

- Superior flexibility allows for fewer joints, thus reducing leak points
- Expandable and allows for "full flow"
- Less coil memory than traditional PEX pipe and resists the urge to remain coiled
- Compatible with both expansion and crimp, clamp or sleeve methods of joining
- Heat-repairable if kinked during installation
- Shape memory inherent in PEX-A tubing results in the shrinking of expanded pipe to normal size, creating strong, durable, and reliable ASTM F1960 fitting connections
- Maximum cross-linking increases flexibility and resistance to cracking
- Copper tube size dimensions (CTS)
- Available in red, blue, and white colors
- Approved for use with brass and poly alloy crimp fittings (ASTM F1960 and ASTM 1807)
- 25 year warranty



Article No.	Nom. Size in	Avg OD A in (mm)	Min. Wall Thickness B in (mm)	Weight lb/ft (kg/m)	Capacity gal/ft (l/m)
EPPBXXX12S EPPRXXX12S EPPWXXX12	1/2	0.625 (15.88)	0.070 (1.78)	0.06 (0.08)	0.0098 (0.1222)
EPPBXXX34S EPPRXXX34S EPPWXXX34	3/4	0.875 (22.22)	0.097 (2.47)	0.10 (0.15)	0.0189 (0.2356)
EPPBXXX1S EPPRXXX1S EPPWXXX1	1	1.125 (28.58)	0.125 (3.18)	0.17 (0.26)	0.0316 (0.3939)

Standards / Certifications

- PEX 5106 - SDR 9
- cNSFus-pw
- cUPC
- Meets or exceeds: ASTM F876/F877/F1807/F1960/F2023/F2080/F2155
- Meets ANSI/NSF 61 & 14
- Meets CSA B137.9

Pressure & Temperature

- 160 psi @ 73.4° F (1055 kPa @ 23° C), 100 psi @ 180° F (690 kPa @ 82.2° C), 80 psi @ 200° F (550 kPa @ 93.3° C) Design factor 0.50 (per ASTM F876, CSA B137.5)

Installation

Cut PEX tubing at a 90° angle using a PEX tubing cutter. Clear the cut end of any burrs or debris. **DO NOT expose PEX tubing to direct sunlight.** It is recommended to insulate hot water lines with standard foam polyethylene pipe insulation to prevent heat loss. If installing in an area that experiences harsh winters, it's recommended to insulate both hot and cold water lines to prevent freezing. Compatible with Uponor (Wirsbo) ProPEX™. (ProPEX™ is a trademark of Uponor [Wirsbo].)

Part Number	Description	Carton Qty	UPC
BLUE PEX-A PIPE			
EPPB1012S	1/2 in. x 10 ft. Blue PEX-A Expansion Pipe Stick	10	8 10053 46250 8
EPPB2012S	1/2 in. x 20 ft. Blue PEX-A Expansion Pipe Stick	10	8977373 8 10053 46156 3
EPPB10012S	1/2 in. x 100 ft. Blue PEX-A Expansion Pipe Coil	1	8975542 8 50003 46532 6
EPPB30012S	1/2 in. x 300 ft. Blue PEX-A Expansion Pipe Coil	1	8975559 8 50003 46534 0
EPPB1034S	3/4 in. x 10 ft. Blue PEX-A Expansion Pipe Stick	10	8 10053 46252 2
EPPB2034S	3/4 in. x 20 ft. Blue PEX-A Expansion Pipe Stick	10	8977431 8 10053 46157 0
EPPB10034S	3/4 in. x 100 ft. Blue PEX-A Expansion Pipe Coil	1	8975633 8 50003 46533 3
EPPB30034S	3/4 in. x 300 ft. Blue PEX-A Expansion Pipe Coil	1	8975641 8 50003 46535 7
EPPB1001S	1 in. x 100 ft. Blue PEX-A Expansion Pipe Coil	1	8975708 8 50003 46531 9



PEX-A PRODUCTS



Part Number	Description	Carton Qty	UPC
RED PEX-A PIPE			
EPPR1012S	1/2 in. x 10 ft. Red PEX-A Expansion Pipe Stick	10	8 10053 46251 5
EPPR2012S	1/2 in. x 20 ft. Red PEX-A Expansion Pipe Stick	10	8 8977449 10053 46158 7
EPPR10012S	1/2 in. x 100 ft. Red PEX-A Expansion Pipe Coil	1	8 8975534 50003 46537 1
EPPR30012S	1/2 in. x 300 ft. Red PEX-A Expansion Pipe Coil	1	8 8975567 50003 46539 5
EPPR1034S	3/4 in. x 10 ft. Red PEX-A Expansion Pipe Stick	10	8 10053 46253 9
EPPR2034S	3/4 in. x 20 ft. Red PEX-A Expansion Pipe Stick	10	8 8977456 10053 46159 4
EPPR10034S	3/4 in. x 100 ft. Red PEX-A Expansion Pipe Coil	1	8 8975617 50003 46538 8
EPPR30034S	3/4 in. x 300 ft. Red PEX-A Expansion Pipe Coil	1	8 8975658 50003 46540 1
EPPR1001S	1 in. x 100 ft. Red PEX-A Expansion Pipe Coil	1	8 8975690 50003 46536 4






PEX-A PRODUCTS

Part Number	Description	Carton Qty	UPC
WHITE PEX-A PIPE			
EPPW512	1/2 in. x 5 ft. White PEX-A Expansion Pipe Stick	25	8975518 6 70750 84301 3
EPPW1012	1/2 in. x 10 ft. White PEX-A Expansion Pipe Stick	10	8 50003 46500 5
EPPW2012	1/2 in. x 20 ft. White PEX-A Expansion Pipe Stick	10	8977340 1 91988 00608 2
EPPW10012	1/2 in. x 100 ft. White PEX-A Expansion Pipe Coil	1	8975526 6 70750 84303 7
EPPW30012	1/2 in. x 300 ft. White PEX-A Expansion Pipe Coil	1	8975575 6 70750 84313 6
EPPW50012	1/2 in. x 500 ft. White PEX-A Expansion Pipe Coil	1	8 50003 46503 6
EPPW100012	1/2 in. x 1000 ft. White PEX-A Expansion Pipe Coil	1	1 91988 00606 8
EPPW534	3/4 in. x 5 ft. White PEX-A Expansion Pipe Stick	10	8975591 6 70750 84314 3
EPPW1034	3/4 in. x 10 ft. White PEX-A Expansion Pipe Stick	10	8 50003 46501 2
EPPW2034	3/4 in. x 20 ft. White PEX-A Expansion Pipe Stick	10	8977357 1 91988 00610 5
EPPW10034	3/4 in. x 100 ft. White PEX-A Expansion Pipe Coil	1	8975609 6 70750 84321 1
EPPW30034	3/4 in. x 300 ft. White PEX-A Expansion Pipe Coil	1	8975666 6 70750 84326 6
EPPW50034	3/4 in. x 500 ft. White PEX-A Expansion Pipe Coil	1	8 50003 46504 3
EPPW100034	3/4 in. x 1000 ft. White PEX-A Expansion Pipe Coil	1	8 50003 46506 7
EPPW51	1 in. x 5 ft. White PEX-A Expansion Pipe Stick	5	8975674 6 70750 84327 3
EPPW101	1 in. x 10 ft. White PEX-A Expansion Pipe Stick	5	8 50003 46502 9
EPPW201	1 in. x 20 ft. White PEX-A Expansion Pipe Stick	5	8977365 1 91988 00611 2
EPPW1001	1 in. x 100 ft. White PEX-A Expansion Pipe Coil	1	8975682 6 70750 84328 0
EPPW3001	1 in. x 300 ft. White PEX-A Expansion Pipe Coil	1	8975732 6 70750 84369 3



PEX-A



Part Number		Description	Carton Qty	UPC
WHITE PEX-A PIPE <i>(continued)</i>				
EPPW20114	NEW!	1¼ in. x 20 ft. White PEX-A Expansion Pipe Stick	5	 8 10053 46371 0
EPPW100114	NEW!	1¼ in. x 100 ft. White PEX-A Expansion Pipe Coil	1	 8 10053 46339 0
EPPW20112	NEW!	1½ in. x 20 ft. White PEX-A Expansion Pipe Stick	5	 8 10053 46372 7
EPPW100112	NEW!	1½ in. x 100 ft. White PEX-A Expansion Pipe Coil	1	 8 10053 46340 6
EPPB202	NEW!	2 in. x 20 ft. White PEX-A Expansion Pipe Stick	5	 8 10053 46373 4

Expansion PEX FITTINGS

Apollo Expansion PEX Fittings (ASTM F-1960) are used for making junctions or directional changes with PEX-A pipe constructed potable water systems.

All Apollo Expansion PEX Fittings comply with the U.S. Safe Water Drinking Act (SDWA) and the 2011 U.S. Reduction of Lead in Drinking Water Act by containing equal to or less than 0.25% lead. The brass fittings are constructed of lead free dezincification resistant (DZR) brass. Poly alloy fittings are constructed of a high density polysulfone alloy.

All Apollo Expansion PEX Fittings have barb ends unless otherwise noted. Apollo Expansion PEX fittings are compatible with Apollo PEX-A pipe and Uponor (Wirsbo) ProPEX™. (ProPEX™ is a trademark of Uponor [Wirsbo].)

Specifications

Use Apollo Expansion PEX Fittings with Apollo PEX-A pipe and fasten to pipe using Apollo Expansion Sleeves with Apollo Expansion PEX Tools. The larger internal diameter of Apollo Expansion PEX fittings results in a 25% greater flow rate within the system. Apollo Expansion PEX fittings can only be used with PEX-A pipe. Follow all instructions included with Apollo tools, fittings, and fasteners.

Approvals

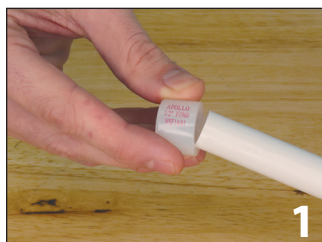
- ASTM F876/F877/F2023/F1960
- ANSI/NSF 61 & 14
- cNSFus-pw
- CSA B137.5
- cUPC

Temperature & Pressure

- Rated 200°F and 200 psi

Installation

1. Cut pipe squarely and place expansion sleeve on end.
2. Insert tool head into tubing and expand (Refer to tool instructions for recommended number of expansions per tubing size).
3. Immediately remove tool and insert fitting end into pipe to shoulder. Pipe may take up to two minutes to fully seal fitting.



PEX-A Brass Crimp Fittings

Friction Loss - Equivalent Feet of PEX-A Tubing

Size	Coupling	Elbow	Tee Run	Tee Branch
3/8"	2.9	9.2	2.9	9.4
1/2"	2.0	9.4	2.2	10.4
3/4"	0.6	9.4	1.9	8.9
1"	1.3	10.0	2.3	11.0

PEX-A Poly Alloy Crimp Fittings

Friction Loss - Equivalent Feet of PEX-A Tubing

Size	Coupling	Elbow	Tee Run	Tee Branch
1/2"	7.1	16.5	7.2	17.9
3/4"	4.8	17.4	6.6	17.7
1"	4.5	18.0	6.0	17.0



PEX-A



EXPANSION
APOLLO PEX

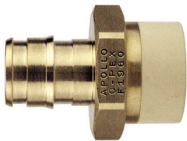
PEX-A PRODUCTS



Part Number	Description	Carton Qty	UPC
PEX-A COUPLINGS			
EPXC1212	1/2 in. Brass PEX-A Barb Coupling	50	8976946 8 50003 46511 1
EPXC1234	1/2 in. x 3/4 in. Brass PEX-A Barb Reducing Coupling	25	8976953 8 50003 46512 8
EPXC3434	3/4 in. Brass PEX-A Barb Coupling	50	8976961 8 50003 46513 5
EPXC341	1 in. x 3/4 in. Brass PEX-A Barb Reducing Coupling	5	8975120 6 70750 83946 7
EPXC11	1 in. Brass PEX-A Barb Coupling	5	8975112 6 70750 83945 0



PEX-A x POLYBUTYLENE COUPLINGS			
EPXBC1212	1/2 in. Brass PEX-A Barb x Polybutylene Coupling	25	8976748 8 50003 46509 8
EPXBC3434	3/4 in. Brass PEX-A Barb x Polybutylene Coupling	25	8975153 8 50003 46510 4



PEX-A x CPVC ADAPTERS			
EPXCPVC12	1/2 in. Brass PEX-A Barb x 1/2 in. CPVC Straight Adapter	10	1 91988 00378 4
EPXCPVC34	3/4 in. Brass PEX-A Barb x 3/4 in. CPVC Straight Adapter	10	1 91988 00406 4



PEX-A x PVC ADAPTER			
EPXPVC34	3/4 in. Brass PEX-A Barb x 3/4 in. Sch. 40 PVC Straight Adapter	10	1 91988 00407 1



PEX-A ELBOWS			
EPXE1212	1/2 in. Brass PEX-A Barb 90° Elbow Fitting	50	8977167 8 50003 46514 2
EPXE1234	1/2 in. x 3/4 Brass PEX-A Barb Reducing 90° Elbow	5	8975310 6 70750 84203 0
EPXE3434	3/4 in. Brass PEX-A Barb 90° Elbow Fitting	50	8976888 8 50003 46515 9
EPXE11	1 in. Brass PEX-A Barb 90° Elbow	5	8975260 6 70750 84034 0

Part Number	Description	Carton Qty	UPC
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PEX-A DROP EAR ELBOWS

EPXDEE12	1/2 in. Brass PEX-A Barb x 1/2 in. FPT 90° Drop-Ear Elbow	5	8975203 6 70750 84026 5
EPXDEE3412	3/4 in. Brass PEX-A Barb x 1/2 in. FPT Reducing 90° Drop-Ear Elbow	5	8975229 6 70750 84255 9
EPXDEE34	3/4 in. Brass PEX-A Barb x 3/4 in. FPT 90° Drop-Ear Elbow	5	8975211 6 70750 84020 3



PEX-A FEMALE ELBOW

EPXFE12S	1/2 in. Brass PEX-A Barb x 1/2 in. FNPT Female Swivel 90° Elbow	5	8975237 6 70750 84211 5
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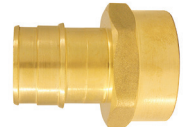
PEX-A MALE ELBOWS

EPXME1212	1/2 in. Brass PEX-A Barb x 1/2 in. MNPT 90° Male Elbow	25	8976813 8 50003 46524 1
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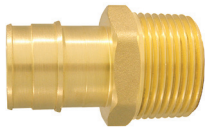
PEX-A FEMALE ADAPTERS

EPXFA1212	1/2 in. Brass PEX-A Expansion x 1/2 in. FNPT Female Adapter	50	8976896 8 50003 46516 6
EPXFA12S	1/2 in. Brass PEX-A Expansion x 1/2 in. FNPT Swivel Female Adapter	5	8975955 6 70750 84241 2
EPXFA1234	1/2 in. Brass PEX-A Barb x 3/4 FNPT Reducing Female Adapter	25	8976912 8 50003 46517 3
EPXFA3412	3/4 in. Brass PEX-A Barb x 1/2 in. FNPT Reducing Female Adapter	25	8976920 8 50003 46518 0
EPXFA3434	3/4 in. Brass PEX-A Barb x 3/4 in. FNPT Female Adapter	50	8976755 8 50003 46519 7
EPXFA34S	3/4 in. Brass PEX-A Barb x 3/4 in. FNPT Female Swivel Adapter	5	8975971 6 70750 84244 3
EPXFA341	3/4 in. Brass PEX-A Barb x 1 in. FNPT Reducing Female Adapter	5	8975377 6 70750 84080 7
EPXFA1	1 in. Brass PEX-A Barb x 1 in. FNPT Female Adapter	5	8975369 6 70750 84057 9





Part Number	Description	Carton Qty	UPC
PEX-A FEMALE SWEAT ADAPTERS			
EPXFS1212	1/2 in. Brass PEX-A Barb x 1/2 in. Female Sweat Adapter	50	8976763 8 50003 46520 3
EPXFS1234	1/2 in. Brass PEX-A Barb x 3/4 in. Reducing Female Sweat Adapter	5	8975898 6 70750 84029 6
EPXFS3434	3/4 in. Brass PEX-A Barb x 3/4 in. Female Sweat Adapter	25	8976789 8 50003 46521 0
EPXFS341	3/4 in. Brass PEX-A Barb x 1 in. Reducing Female Sweat Adapter	5	8975914 6 70750 84033 3
EPXFSA11	1 in. Brass PEX-A Barb x 1 in. Female Sweat Adapter	5	8975922 6 70750 84035 7

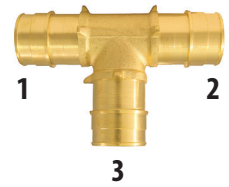


PEX-A MALE ADAPTERS			
EPXMA1212	1/2 in. Brass PEX-A Barb x 1/2 in. MNPT Male Adapter	50	8976797 8 50003 46522 7
EPXMA1234	1/2 in. Brass PEX-A Barb x 3/4 in. MNPT Reducing Male Adapter	5	8975443 6 70750 84117 0
EPXMA3412	3/4 in. Brass PEX-A Barb x 1/2 in. MNPT Reducing Male Adapter	5	8975450 6 70750 84145 3
EPXMA3434	3/4 in. Brass PEX-A Barb x 3/4 in. MNPT Male Adapter	50	8976805 8 50003 46523 4
EPXMA341	3/4 in. Brass PEX-A Barb x 1 in. MNPT Reducing Male Adapter	5	8975427 6 70750 84402 7
EPXMA134	1 in. Brass PEX-A Barb x 3/4 in. MNPT Reducing Male Adapter	5	8975401 6 70750 84109 5
EPXMA11	1 in. Brass PEX-A Barb x 1 in. MNPT Male Adapter	5	8975419 6 70750 84111 8





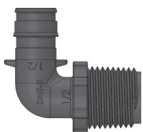
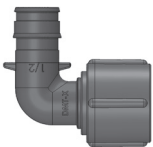
PEX-A MALE SWEAT ADAPTERS			
EPXMS1212	1/2 in. Brass PEX-A Barb x 1/2 in. Male Sweat Adapter	50	8976821 8 50003 46525 8
EPXMS1234	1/2 in. Brass PEX-A Barb x 3/4 in. Reducing Male Sweat Adapter	5	8975831 6 70750 84943 5
EPXMS3434	3/4 in. Brass PEX-A Barb x 3/4 in. Male Sweat Adapter	50	8976839 8 50003 46526 5
EPXMS341	3/4 in. Brass PEX-A Barb x 1 in. Reducing Male Sweat Adapter	5	8975864 6 70750 85354 8
EPXMSA11	1 in. Brass PEX-A Barb x 1 in. Male Sweat Adapter	25	8976847 8 50003 46527 2

Part Number	Description	Carton Qty	UPC
PEX-A TEES			
EPXT12	1/2 in. Brass PEX-A Barb Tee Fitting	50	8976854 8 50003 46528 9
EPXT121234	1/2 in. x 1/2 in. x 3/4 in. Brass PEX-A Barb Reducing Tee	5	8975997 6 70750 84038 8
EPXT341212	3/4 in. x 1/2 in. x 1/2 in. Brass PEX-A Barb Reducing Tee	5	8976003 6 70750 84040 1
EPXT341234	3/4 in. x 1/2 in. x 3/4 in. Brass PEX-A Barb Reducing Tee	5	8976011 6 70750 84041 8
EPXT343412	3/4 in. x 3/4 in. x 1/2 in. Brass PEX-A Barb Reducing Tee	25	8976862 8 50003 46530 2
EPXT34	3/4 in. Brass PEX-A Barb Tee Fitting	25	8976870 8 50003 46529 6
EPXT1112	1 in. x 1 in. x 1/2 in. Brass PEX-A Barb Reducing Tee	5	8976052 6 70750 84053 1
EPXT1134	1 in. x 1 in. x 3/4 in. Brass PEX-A Barb Reducing Tee	5	8976060 6 70750 84056 2
EPXT11	1 in. Brass PEX-A Barb Tee	5	8976078 6 70750 84078 4
PEX-A DROP EAR TEES			
EPXDET12	1/2 in. Brass PEX-A Barb x Brass PEX-A Barb x FNPT Drop-Ear Tee	10	1 91988 00372 2
EPXDET34	3/4 in. Brass PEX-A Barb x Brass PEX-A Barb x FNPT Drop-Ear Tee	10	1 91988 00373 9
PRESS ADAPTERS			
EPXPR1212	1/2 in. Brass PEX-A Barb x 1/2 in. Press Adapter	10	8 50003 46573 9
EPXPR3434	3/4 in. Brass PEX-A Barb x 3/4 in. Press Adapter	10	8 50003 46574 6
EPXPR11	1 in. Brass PEX-A Barb x 1 in. Press Adapter	10	8 50003 46575 3





Part Number	Description	Carton Qty	UPC
PEX-A COUPLINGS			
EPXPAC1210PK	1/2 in. Poly-Alloy PEX-A Expansion Barb Coupling (10-Pack)	10	8975161 6 70750 84256 6
EPXPAC3412	1/2 in. x 3/4 in. Poly-Alloy PEX-A Expansion Barb Reducing Coupling	20	1 91988 00175 9
EPXPAC34125PK 	1/2 in. x 3/4 in. Poly-Alloy PEX-A Expansion Barb Reducing Coupling (5-Pack)	10	8 10053 46260 7
EPXPAC3410PK	3/4 in. Poly-Alloy PEX-A Expansion Barb Coupling (10-Pack)	5	8975179 6 70750 84257 3
EPXPAC1215PK	1/2 in. x 1 in. Poly-Alloy PEX-A Expansion Barb Reducing Coupling (5-Pack)	10	8 10053 46243 0
EPXPAC341	3/4 in. x 1 in. Poly-Alloy PEX-A Expansion Barb Reducing Coupling	10	1 91988 00176 6
EPXPAC3415PK 	3/4 in. x 1 in. Poly-Alloy PEX-A Expansion Barb Reducing Coupling (5-Pack)	5	8 10053 46261 4
EPXPAC1110PK	1 in. Poly-Alloy PEX-A Expansion Barb Coupling (10-Pack)	5	8975187 6 70750 84271 9
PEX-A ELBOWS			
EPXPAE1210PK	1/2 in. Poly-Alloy PEX-A Expansion Barb 90° Elbow (10-Pack)	10	8975286 6 70750 84275 7
EPXPAE12345PK	1/2 in. x 3/4 in. Poly-Alloy PEX-A Expansion Barb 90° Elbow (5-Pack)	10	8 10053 46244 7
EPXPAE3410PK	3/4 in. Poly-Alloy PEX-A Expansion Barb 90° Elbow (10-Pack)	5	8975294 6 70750 84276 4
EPXPAE15PK	1 in. Poly-Alloy PEX-A Expansion Barb 90° Elbow (5-Pack)	5	8975302 6 70750 84277 1
PEX-A FEMALE ELBOW			
EPXPAFES125PK	1/2 in. Poly-Alloy PEX-A Barb x 1/2 in. FPT Female Swivel Elbow (5-Pack)	10	8 10053 46268 3
PEX-A MALE ELBOW			
EPXPAME125PK	1/2 in. Poly-Alloy PEX-A Barb x 1/2 in. MPT Male Elbow (5-Pack)	6	8 10053 46276 8



Part Number

Description

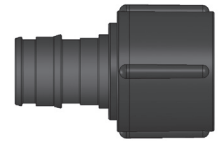
Carton Qty

UPC

PEX-A FEMALE ADAPTER

EPXPAF12S5PK 1/2 in. Poly-Alloy PEX-A Barb
x 1/2 in. FPT Female Swivel Adapter (5-Pack)

5



PEX-A MALE ADAPTERS

EPXPAM1210PK 1/2 in. Poly-Alloy PEX-A Barb x
1/2 in. MNPT Male Adapter (10-Pack)

5



EPXPAM12345PK 1/2 in. Poly-Alloy PEX-A Barb x
3/4 in. MNPT Male Adapter (5-Pack)

5



EPXPAM345PK 3/4 in. Poly-Alloy PEX-A Barb x
3/4 in. MNPT Male Adapter (5-Pack)

5



EPXPAM15PK 1 in. Poly-Alloy PEX-A Barb x
1 in. MNPT Male Adapter (5-Pack)

5



PEX-A TEST PLUGS

EPXPAP1210PK 1/2 in. Poly-Alloy PEX-A Barb Plug
(10-Pack)

10



EPXPAP3410PK 3/4 in. Poly-Alloy PEX-A Barb Plug
(10-Pack)

5



EPXPAP110PK 1 in. Poly-Alloy PEX-A Barb Plug
(10-Pack)

5



PEX-A MULTI-PORT AND OPPOSING TEES

EPXM21PT 3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Poly Alloy
3-Port Branch Multi-Port Tee

10



EPXM22PT 3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Poly Alloy
4-Port Branch Multi-Port Tee

10



EPXM44PT 3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Poly Alloy
8-Port Branch Multi-Port Tee

10



EPXM21PTO 3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Poly Alloy
3-Port Flow-Through Opposing Tee

10



EPXM22PTO 3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Poly Alloy
4-Port Flow-Through Opposing Tee

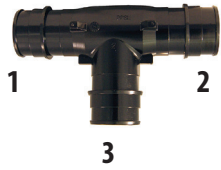
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EPXM33PTO 3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Poly Alloy
6-Port Flow-Through Opposing Tee

10





Part Number	Description	Carton Qty	UPC
PEX-A TEES			
EPXPAT1210PK	1/2 in. Poly-Alloy PEX-A Barb Tee (10-Pack)	10	8976086 6 70750 84284 9
EPXPAT121234	1/2 in. x 1/2 in. x 3/4 in. Poly-Alloy PEX-A Barb Tee	20	8 10053 46284 3
EPXPAT341212	3/4 in. x 1/2 in. x 1/2 in. Poly-Alloy PEX-A Barb Reducing Tee	20	1 91988 00178 0
EPXPAT341234	3/4 in. x 1/2 in. x 3/4 in. Poly-Alloy PEX-A Barb Reducing Tee	20	8 10053 46292 8
EPXPAT343412	3/4 in. x 3/4 in. x 1/2 in. Poly-Alloy PEX-A Barb Reducing Tee	20	1 91988 00177 3
EPXPAT3410PK	3/4 in. Poly-Alloy PEX-A Barb Tee (10-Pack)	5	8976094 6 70750 84286 3
EPXPAT1112	1 in. x 1 in. x 1/2 in. Poly-Alloy PEX-A Barb Tee	10	8 10053 46280 5
EPXPAT343415PK	3/4 in. x 3/4 in. x 1 in. Poly-Alloy PEX-A Barb Tee (5-Pack)	10	8 10053 46232 4
EPXPAT13434	1 in. x 3/4 in. x 3/4 in. Poly-Alloy PEX-A Barb Reducing Tee	5	8 10053 46289 8
EPXPAT1341	1 in. x 3/4 in. x 1 in. Poly-Alloy PEX-A Barb Reducing Tee	10	8 10053 46287 4
EPXPAT1134	1 in. x 1 in. x 3/4 in. Poly-Alloy PEX-A Barb Reducing Tee	10	8 10053 46282 9
EPXPAT15PK	1 in. Poly-Alloy PEX-A Barb Tee (5-Pack)	5	8976110 6 70750 89605 7



PEX-A VALVES			
EPXV12	1/2 in. Brass PEX-A Barb Ball Valve	5	8974974 6 70750 83936 8
EPXV34	3/4 in. Brass PEX-A Barb Ball Valve	5	8974982 6 70750 83937 5
EPXV1	1 in. Brass PEX-A Barb Ball Valve	5	8974990 6 70750 83938 2
EPXV12M	1/2 in. Brass PEX-A Barb x 1/2 in. Male Pipe Thread Ball Valve	5	1 91988 00374 6
EPXV34M	3/4 in. Brass PEX-A Barb x 3/4 in. Male Pipe Thread Ball Valve	5	1 91988 00375 3

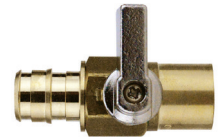


Part Number Description Carton Qty UPC

PEX-A VALVES (continued)

EPXV12S 1/2 in. Brass PEX-A Barb x 1/2 in. Solder Ball Valve

10



EPXV34S 3/4 in. Brass PEX-A Barb x 3/4 in. Solder Ball Valve

10



EPXV12T 1/2 in. Brass PEX-A Barb
Ball Valve with Tee Handle

10



EPXV34T 3/4 in. Brass PEX-A Barb
Ball Valve with Tee Handle

10



EPXV12WD 1/2 in. Brass PEX-A Barb
Ball Valve with Drain and Mounting Pad

10



EPXV34WD 3/4 in. Brass PEX-A Barb
Ball Valve with Drain and Mounting Pad

10



EPXIMT1214 1/2 in. Chrome-Plated Brass PEX-A Barb x 1/4 in.
Compression Quarter-Turn Ice Maker Tee Valve

10



EPXSCV1234 1/2 in. Brass PEX-A Barb x 3/4 in.
Garden Hose Thread Quarter-Turn Sillcock

10



EPXVA1214C 1/2 in. Chrome-Plated Brass PEX-A Barb x 1/4 in.
Compression Quarter-Turn Angle Stop Valve

10



EPXVA1238C 1/2 in. Chrome-Plated Brass PEX-A Barb x 3/8 in.
Compression Quarter-Turn Angle Stop Valve

10



EPXVS1214C 1/2 in. Chrome-Plated Brass PEX-A Barb x 1/4 in.
Compression Quarter-Turn Straight Stop Valve

10



EPXVS1238C 1/2 in. Chrome-Plated Brass PEX-A Barb x 3/8 in.
Compression Quarter-Turn Straight Stop Valve

10



EPXVS123838C 1/2 in. Chrome-Plated Brass PEX-A Barb
x 3/8 in. Compression
Dual Outlet Quarter-Turn Straight Stop Valve

10



EPXVT123838C 1/2 in. Chrome-Plated Brass PEX-A Barb
x 3/8 in. Compression
Dual Outlet Quarter-Turn Angle Stop Valve

10



EPXPRV34WG 3/4 in. Bronze Double Union PEX-A Barb Water
Pressure Regulator with Gauge

3



PEX-A PRODUCTS

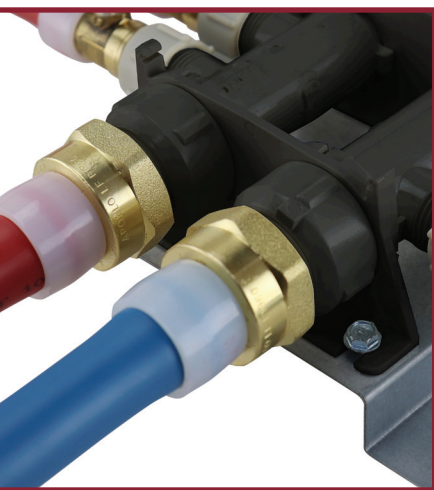
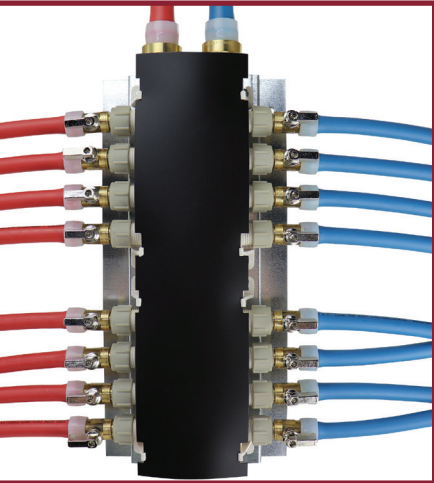
Part Number	Description	Carton Qty	UPC
PEX-A ACCESSORIES			
EPXBOXIM	1/2 in. Brass PEX-A Barb Ice Maker Outlet Box	2	6 70750 96076 5
EPXBOXWM	1/2 in. Brass PEX-A Barb Washing Machine Outlet Box	3	6 70750 96065 9
EPXBOXWMWH	1/2 in. Brass PEX-A Barb Washing Machine Outlet Box with Water Hammer Arrestors	3	8 10053 46255 3
EPXCSST18	3/4 in. Brass PEX-A Barb x 3/4 in. FNPT x 18 in. Corrugated Stainless Steel Water Heater Connector	5	8975070 6 70750 84023 4
EPXCSST18BV	3/4 in. Brass PEX-A Barb x 3/4 in. FNPT x 18 in. Corrugated Stainless Steel Water Heater Connector with Ball Valve	5	8 50003 46568 5
EPXSTUBWE12	8 in. x 1/2 in. Copper PEX-A Barb Stub-Out 90° Elbow with Flange	10	8975807 6 70750 84014 2
EPXSTUBWE34	8 in. x 3/4 in. Copper PEX-A Barb Stub-Out 90° Elbow with Flange	10	8975815 6 70750 84015 9
APXJH1210PK	1/2 in. PEX Pipe J-Hook Pipe Support (10-Pack)	12	7193378 6 70750 94704 9
APXJH3410PK	3/4 in. PEX Pipe J-Hook Pipe Support (10-Pack)	12	7193386 6 70750 94730 8
NEW! APXJH110PK	1 in. PEX Pipe J-Hook Pipe Support (10-Pack)	12	8 10053 46338 3
APXTALON	1/2 in. and 3/4 in. 2-in-1 PEX Pipe J-Hook Pipe Support (10-Pack)	12	7460678 1 91988 00455 2
APXTALON40JR	1/2 in. and 3/4 in. 2-in-1 PEX Pipe J-Hook Pipe Support (40-Pack Jar)	40 Pack JAR 2	7460694 1 91988 00566 5
APXSUSCLAMPU	1/2 - 1 in. Universal Plastic Insulated Stud Suspension Clamp (10-Pack)	6	7422538 1 91988 00456 9
PXBEND12	1/2 in. Plastic PEX Pipe 90° Bend Support with Mounting Bracket	12	8974776 6 70750 43738 0
PXBEND34	3/4 in. Plastic PEX Pipe 90° Bend Support with Mounting Bracket	10	8974784 6 70750 43739 7
NEW! APXGR1210PK	1/2 in. Grip Right Pipe Support	24	8 10053 46316 1
NEW! APXGR3410PK	3/4 in. Grip Right Pipe Support	12	8 10053 46337 6



Scan the QR code
for a video about
Grip Right

Part Number	Description	Carton Qty	UPC
PEX-A EXPANSION SLEEVES			
EPXS1225PK	1/2 in. PEX-A Expansion Sleeve/Ring (25-Pack)	10	8975773 6 70750 84137 8
EPXS3425PK	3/4 in. PEX-A Expansion Sleeve/Ring (25-Pack)	10	8975781 6 70750 84154 5
EPXS125PK	1 in. PEX-A Expansion Sleeve/Ring (25-Pack)	10	8975799 6 70750 84219 1
PEX-A TOOLS			
EPXTOLKIT	PEX-A Expansion Tool Kit with 1/2 in., 3/4 in. and 1 in. Expander Heads	3	8976128 6 70750 84294 8
EPXTOLAR	Auto-Rotating PEX-A Expansion Tool (Tool-Only)	3	8 10053 46993 4
EPXTOL	PEX-A Expansion Tool (Tool-Only)	3	8976169 6 70750 84300 6
EPXHEAD12	1/2 in. PEX-A Expander Head	5	8976136 6 70750 84295 5
EPXHEAD34	3/4 in. PEX-A Expander Head	5	8976144 6 70750 84297 9
EPXHEAD1	1 in. PEX-A Expander Head	5	8976151 6 70750 84299 3
69PTKC001	1/2 in. to 1 in. Pipe Cutter	6	8974727 6 70750 29273 6





Expansion PEX

MANIFOLDS

Apollo Expansion PEX Manifold Systems are available in a wide range of outlet ports. Each manifold system has a galvanized back plate for easy mounting to any structure. The cover plate, for labeling purposes, is constructed of 1/4 in. ABS. All are bolted to the back plate, rather than screwed. Each manifold system consists of two inlet ports that supply the dual chambers. Typically one inlet is used for cold water supply, and the other inlet is used for hot water supply. However, both inlets may be used for either hot or cold water. The water inlet connections are 1 in. MPT or included 3/4 in. PEX x 1 in. MPT adapters can be used to make the inlets 3/4 in. PEX-A Barb. The outlets are 1/2 in. MPT. 1/2 in. FPT Swivel x PEX-A Barb valves are included.

Each manifold system is individually boxed, and includes red and blue labels for indicating the destination fixtures. Keep the manifold in it's carton until ready for installation. Protect the manifold from dust and debris until plumbing system is fully installed.

Specifications

- **Save Time and Money** - Manifolds allow you to make longer continuous runs of PEX-A pipe, meaning you buy fewer fittings and spend less time installing.
- **Fewer Possible Leaks** - Longer continuous runs with fewer sleeve connections means fewer chances of leaks and avoiding the possibility of thousands of dollars in water damage.
- **Controls Scalding** - When plumbed so that each branch line feeds only one fixture, the manifold greatly reduces pressure fluctuations and temperature swings that cause scalding.
- **Quiet Plumbing** - Longer runs of pipe using fewer fittings means smoother bends and turns which reduces line noise and water hammer.

Installation Caution

- Before and after installation, ensure manifold is kept in a location with limited exposure to chemicals, paint, hazardous materials, debris, excessive heat, direct flame, or moving objects that could cause damage.
- The manifold should be located in an area that will not be covered permanently with sheet rock, plywood, or paneling.
- Manifolds should not be installed or kept in a location exposed to freezing temperatures.
- Do not allow water to freeze in the manifold.
- Care should be taken not to over or under tighten fittings.
- Distribution lines must connect to the connecting valves in a straight line perpendicular to the manifold as to avoid bending stress on the valves.
- Manifolds should be installed per all local and national building/plumbing codes. Where a conflict exists between installation instructions and local requirements, the local codes shall take precedence.
- The installer must also meet all qualifications required by the state and/or local administrative authority administering the provisions of the code where PEX-A piping is installed.

Part Number	Description	Carton Qty	UPC
PEX-A MANIFOLD SYSTEMS			
EPXMANI12P	12-Port PEX-A Manifold with 1/2 in. Poly Alloy Valves	1	8 10053 46807 4
EPXMANI16P	16-Port PEX-A Manifold with 1/2 in. Poly Alloy Valves	1	8 10053 46808 1
EPXMANI20P	20-Port PEX-A Manifold with 1/2 in. Poly Alloy Valves	1	8 10053 46880 7
EPXMANI24P	24-Port PEX-A Manifold with 1/2 in. Poly Alloy Valves	1	8 10053 46809 8
EPXMANI28P	28-Port PEX-A Manifold with 1/2 in. Poly Alloy Valves	1	8 10053 46881 4
EPXMANI32P	32-Port PEX-A Manifold with 1/2 in. Poly Alloy Valves	1	8 10053 46882 1
EPXMANI36P	36-Port PEX-A Manifold with 1/2 in. Poly Alloy Valves	1	8 10053 46810 4



PEX-A POLY ALLOY MANIFOLDS

EPXM3PT	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Barb Poly-Alloy 3-Port Closed Manifold	5	1 91988 00179 7
EPXM4PT	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Barb Poly-Alloy 4-Port Closed Manifold	5	8975468 6 70750 84288 7
EPXM6PT	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Barb Poly-Alloy 6-Port Closed Manifold	5	8975476 6 70750 84289 4
EPXM2PTO	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Barb Poly-Alloy 2-Port Open Manifold	10	8975484 6 70750 84290 0
EPXM3PTO	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Barb Poly-Alloy 3-Port Open Manifold	10	8975492 6 70750 84292 4
EPXM4PTO	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Barb Poly-Alloy 4-Port Open Manifold	5	8975500 6 70750 84293 1
EPXM4PTO1	1 in. PEX-A Barb Inlet x 3/4 in. and 1/2 in. PEX-A Barb Outlets Poly-Alloy 4-Port Open Manifold	5	1 91988 00180 3



PEX-A MANIFOLD ACCESSORIES

EPXFF1212SDV	1/2 in. Brass PEX-A Barb x 1/2 in. Female Pipe Thread Swivel Ball Valve	10	8 50003 46579 1
EPXNPSM34	3/4 in. Brass PEX-A Barb x 1 in. NPSM Manifold Inlet Adapter	10	8 50003 46578 4





PEX-B PIPE

PEX tubing is cross-linked, high-density polyethylene. It's available in white, red, or blue colors for easy identification of hot and cold water lines. The Apollo PEX tubing listed in the following pages is type PEX-B (PEX-b, PEXb).

PEX tubing is for use in hot and cold potable water distribution systems as well as hydronic radiant heating systems. PEX tubing can also be used in continuously recirculating plumbing systems up to 140° F while maintaining chlorine resistance.

Features

- Tough
- Flexible
- Less expensive than other plumbing materials
- Copper tube size dimensions (CTS)
- Available in white, red, or blue

Standards / Certifications

- PEX 5306 - SDR 9
- cNSFus-pw/rfh
- cUPC
- Meets ASTM F876/F877
- ANSI/NSF Standards 61 & 14
- CSA B137.5

Pressure & Temperature

- 160 psi @ 73° F, 100 psi @ 180° F

Fluid Capacity of Apollo PEX Tubing	
Nominal Size	Gallons/100' of PEX Tubing
3/8"	0.53
1/2"	0.96
3/4"	1.40
1"	3.10

Installation

To cut PEX tubing, use a PEX tubing cutter and cut at a 90° angle. Clear the cut end of any burrs or debris. PEX tubing can be run through holes drilled into the center of studs or by using straps and hangers. Bend supports can be used to make bends and angles instead of having to cut the tubing and use fittings. A variety of barb fittings or push type fittings can be used with PEX tubing.

Do not expose PEX tubing to direct sunlight.

It is recommended to insulate hot water lines with standard foam polyethylene pipe insulation to prevent heat loss. If installing in an area that experiences harsh winters, it's recommended to insulate both hot and cold water lines to prevent freezing.

APOLLO PEX

Part Number	Description	Carton Qty	UPC
BLUE PEX-B PIPE			
APPB212	1/2 in. x 2 ft. Blue PEX Pipe Stick	60	2924926 6 70750 95407 8
APPB512	1/2 in. x 5 ft. Blue PEX Pipe Stick	20	7460405 6 70750 95422 1
APPB1210	1/2 in. x 10 ft. Blue PEX Pipe Stick	10	5687595 6 70750 80930 9
APPB2012	1/2 in. x 20 ft. Blue PEX Pipe Stick	20	7005226 6 70750 75453 1
APPB10012	1/2 in. x 100 ft. Blue PEX Pipe Coil	1	7003007 6 70750 69774 6
APPB30012	1/2 in. x 300 ft. Blue PEX Pipe Coil	1	2924918 6 70750 69884 2
APPB50012	1/2 in. x 500 ft. Blue PEX Pipe Coil	1	7059637 6 70750 75430 2
APPB234	3/4 in. x 2 ft. Blue PEX Pipe Stick	30	2924934 6 70750 95412 2
APPB534	3/4 in. x 5 ft. Blue PEX Pipe Stick	10	7460462 6 70750 95423 8
APPB3410	3/4 in. x 10 ft. Blue PEX Pipe Stick	10	4812780 6 70750 80933 0
APPB2034	3/4 in. x 20 ft. Blue PEX Pipe Stick	10	7005234 6 70750 75455 5
APPB10034	3/4 in. x 100 ft. Blue PEX Pipe Coil	1	7003049 6 70750 69792 0
APPB30034	3/4 in. x 300 ft. Blue PEX Pipe Coil	1	9778168 6 70750 75428 9
APPB50034	3/4 in. x 500 ft. Blue PEX Pipe Coil	1	7059678 6 70750 75431 9
APPB1001	1 in. x 100 ft. Blue PEX Pipe Coil	1	7003072 6 70750 99040 3



PEX-B PRODUCTS



Part Number	Description	Carton Qty	UPC
RED PEX-B PIPE			
APPR212	1/2 in. x 2 ft. Red PEX Pipe Stick	60	5260690 6 70750 95429 0
APPR512	1/2 in. x 5 ft. Red PEX Pipe Stick	20	7460413 6 70750 95434 4
APPR1210	1/2 in. x 10 ft. Red PEX Pipe Stick	10	2811214 6 70750 80956 9
APPR2012	1/2 in. x 20 ft. Red PEX Pipe Coil	20	7005242 6 70750 75457 9
APPR10012	1/2 in. x 100 ft. Red PEX Pipe Coil	1	7003023 6 70750 69885 9
APPR30012	1/2 in. x 300 ft. Red PEX Pipe Coil	1	5260682 6 70750 70645 5
APPR50012	1/2 in. x 500 ft. Red PEX Pipe Coil	1	7059645 6 70750 75435 7
APPR234	3/4 in. x 2 ft. Red PEX Pipe Stick	30	5260708 6 70750 95432 0
APPR534	3/4 in. x 5 ft. Red PEX Pipe Stick	10	7460470 6 70750 95436 8
APPR3410	3/4 in. x 10 ft. Red PEX Pipe Stick	10	2478345 6 70750 80960 6
APPR2034	3/4 in. x 20 ft. Red PEX Pipe Stick	10	7005259 6 70750 75459 3
APPR10034	3/4 in. x 100 ft. Red PEX Pipe Coil	1	7003056 6 70750 69892 7
APPR30034	3/4 in. x 300 ft. Red PEX Pipe Coil	1	5855119 6 70750 75433 3
APPR50034	3/4 in. x 500 ft. Red PEX Pipe Coil	1	7059686 6 70750 75437 1
APPR1001	1 in. x 100 ft. Red PEX Pipe Coil	1	7003080 6 70750 99039 7

Part Number	Description	Carton Qty	UPC
WHITE PEX-B PIPE			
APPW514	1/4 in. x 5 ft. White PEX Pipe Stick	20	7346364 6 70750 75445 6
APPW538	3/8 in. x 5 ft. White PEX Pipe Stick	10	7002967 6 70750 70023 1
APPW1038	3/8 in. x 10 ft. White PEX Pipe Stick	10	7460421 6 70750 95446 7
APPW212	1/2 in. x 2 ft. White PEX Pipe Stick	60	7460454 6 70750 74736 6
APPW512	1/2 in. x 5 ft. White PEX Pipe Stick	20	7002975 6 70750 75447 0
APPW1012	1/2 in. x 10 ft. White PEX Pipe Stick	10	7005200 6 70750 69966 5
APPW2012	1/2 in. x 20 ft. White PEX Pipe Stick	20	6307003 6 70750 75449 4
APPW10012	1/2 in. x 100 ft. White PEX Pipe Coil	1	7003031 6 70750 69930 6
APPW30012	1/2 in. x 300 ft. White PEX Pipe Coil	1	7059603 6 70750 69997 9
APPW50012	1/2 in. x 500 ft. White PEX Pipe Coil	1	7059652 6 70750 75440 1
APPW234	3/4 in. x 2 ft. White PEX Pipe Stick	30	7460488 6 70750 74737 3
APPW534	3/4 in. x 5 ft. White PEX Pipe Stick	10	7002983 6 70750 70013 2
APPW1034	3/4 in. x 10 ft. White PEX Pipe Stick	10	7005218 6 70750 69989 4
APPW2034	3/4 in. x 20 ft. White PEX Pipe Stick	10	5624457 6 70750 75451 7
APPW10034	3/4 in. x 100 ft. White PEX Pipe Coil	1	7003064 6 70750 69948 1
APPW30034	3/4 in. x 300 ft. White PEX Pipe Coil	1	7059611 6 70750 75438 8
APPW50034	3/4 in. x 500 ft. White PEX Pipe Coil	1	7059694 6 70750 75441 8



PEX-B PRODUCTS



Part Number	Description	Carton Qty	UPC
WHITE PEX-B PIPE <i>(continued)</i>			
APPW51	1 in. x 5 ft. White PEX Pipe Stick	5	7002991 6 70750 77041 8
APPW101	1 in. x 10 ft. White PEX Pipe Stick	5	7227085 6 70750 69963 4
APPW1001	1 in. x 100 ft. White PEX Pipe	1	7005267 6 70750 69922 1
APPW3001	1 in. x 300 ft. White PEX Pipe	1	7227077 6 70750 44308 4
APPW5001	1 in. x 500 ft. White PEX Pipe	1	7227069 1 91988 00267 1

OXYGEN BARRIER PEX-B PIPE

Oxygen Barrier PEX tubing has been designed to prevent diffusion of oxygen into hydronic radiant heating systems. A layer of polymer is laminated to the outside surface which is highly resistant to the passage of oxygen. Oxygen Barrier PEX tubing is good for hydronic radiant heating, cooling, and snow melting systems using water or water/glycol mix. The tubing may be installed in concrete, gypsum based lightweight concrete, sand, asphalt, in or under wood flooring, or behind wallboard or plaster. Oxygen Barrier PEX tubing may also be used as transfer lines for baseboard heating systems with a maximum operating temperature of 200° F @ 100 psi.

Apollo PEX tubing is type PEX-B (PEX-b, PEXb). The silane method, also called the “moisture cure” method, results in PEX-B. In this method, cross-linking is performed in a secondary post-extrusion process, producing cross-links between a cross-linking agent. The process is accelerated with heat and moisture. The cross-linked bonds are formed through silanol condensation between two grafted vinyltrimethoxysilane (VTMS) units, connecting the polyethylene chains with C-C-Si-O-Si-C-C bridges.¹

Features

- Tough
- Flexible
- Copper tube size dimensions (CTS)

Approvals

- cNSFus-rfh
- ASTM F876/F877
- ASTM D2765
- DIN 4726
- ICBO ER #5287

Pressure & Temperature

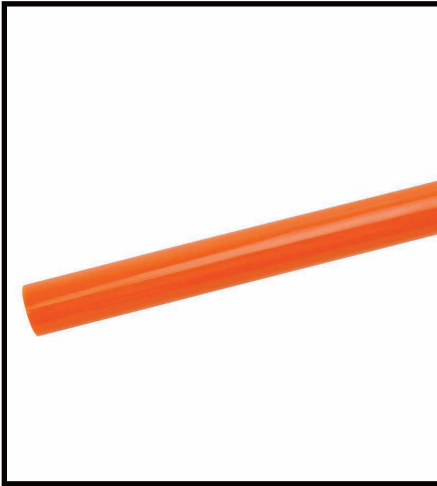
- 160 psi @ 73° F, 100 psi @ 180° F

PEX Oxygen Barrier Tubing				
Part #	Size (CTS)	Length	O.D.	Nom. I.D.
APPOB10012	1/2"	100'	0.625±.004	0.475
APPOB30012	1/2"	300'	0.625±.004	0.475
APPOB50012	1/2"	500'	0.625±.004	0.475
APPOB100012	1/2"	1000'	0.625±.004	0.475
APPOB1034	3/4"	10'	0.875±.004	0.671
APPOB10034	3/4"	100'	0.875±.004	0.671
APPOB30034	3/4"	300'	0.875±.004	0.671
APPOB50034	3/4"	500'	0.875±.004	0.671

Installation

To cut PEX tubing, use a PEX tubing cutter and cut at a 90° angle. Clear the cut end of any burrs or debris. PEX tubing can be run through holes drilled into the center of studs or by using straps and hangers. Oxygen Barrier PEX tubing can also be installed in concrete, gypsum based lightweight concrete, sand, asphalt, in or under wood flooring, or behind wallboard or plaster. Bend supports can be used to make bends and angles instead of having to cut the tubing and use fittings. A variety of barb fittings or push type fittings can be used with PEX tubing.

¹ http://en.wikipedia.org/wiki/Cross-linked_polyethylene



PEX-B PRODUCTS



Part Number	Description	Carton Qty	UPC
OXYGEN BARRIER PEX-B PIPE			
APPOB10012	1/2 in. x 100 ft. Oxygen Barrier Radiant Heating PEX Pipe Coil	1	6 70750 95450 4
APPOB30012	1/2 in. x 300 ft. Oxygen Barrier Radiant Heating PEX Pipe Coil	1	7005275 6 70750 75424 1
APPOB50012	1/2 in. x 500 ft. Oxygen Barrier Radiant Heating PEX Pipe Coil	1	6 70750 51982 6
APPOB100012	1/2 in. x 1000 ft. Oxygen Barrier Radiant Heating PEX Pipe Coil	1	6 70750 51983 3
APPOB1034	3/4 in. x 10 ft. Oxygen Barrier Radiant Heating PEX Pipe Stick	10	6 70750 95456 6
APPOB10034	3/4 in. x 100 ft. Oxygen Barrier Radiant Heating PEX Pipe Coil	1	7005291 6 70750 75425 8
APPOB30034	3/4 in. x 300 ft. Oxygen Barrier Radiant Heating PEX Pipe Coil	1	7005309 6 70750 75427 2
APPOB50034	3/4 in. x 500 ft. Oxygen Barrier Radiant Heating PEX Pipe Coil	1	6 70750 51984 0

PEX-B

FITTINGS

Apollo PEX Brass Fittings are used for making junctions or directional changes with PEX pipe constructed potable water systems.

All Apollo PEX Brass Fittings comply with the U.S. Safe Water Drinking Act (SDWA) and the 2011 U.S. Reduction of Lead in Drinking Water Act by containing equal to or less than 0.25% lead.

All Apollo PEX Brass Fittings have barb ends unless otherwise noted. Apollo PEX Brass Fittings can be used with Apollo brand PEX-A or PEX-B pipe.

Specifications:

Use Apollo PEX Fittings with Apollo PEX pipe and fasten to pipe using Apollo Crimp Rings, Apollo Pinch Clamps, or Apollo Crimp Sleeves with Apollo PEX Tools. Follow all instructions included with Apollo tools, fittings, and fasteners.

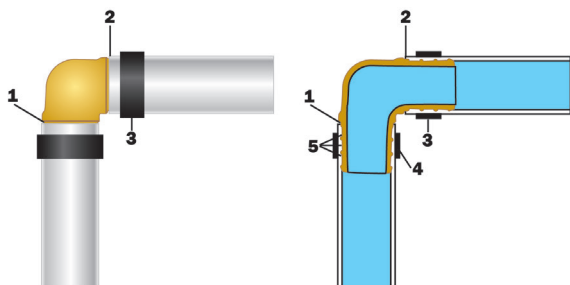
Approvals:

- ASTM F877, F1807 (Brass Fittings) and F2159 (Poly Alloy Fittings) Conformance - Third Party Certified
- NSF 14 and 61 (Brass Fittings), cNSF[®]us pw-G (Poly Alloy Fittings)
- IAPMO
- CSA B137.5

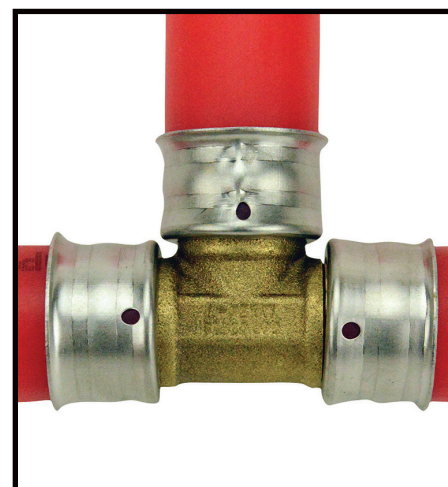
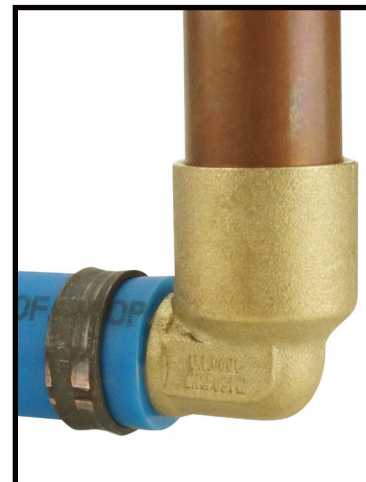
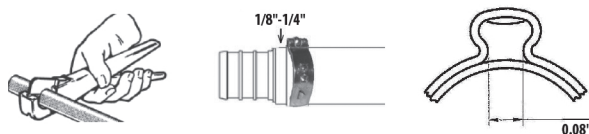
Installation:

Squarely cut PEX pipe to desired length and remove burrs. Slide crimp ring, pinch clamp or sleeve over end of pipe. Insert fitting into pipe end until it touches the shoulder of the fitting. For crimp rings, pinch clamps and stainless steel sleeves will stay on the end of the pipe. Position crimp rings or pinch clamps 1/8" - 1/4" from the end of the pipe and over the fitting ribs closest to the end of the fitting. Fasten according to appropriate tool directions. Crimp ring and sleeve connections can be checked with a Go/No-Go Gauge.

Crimp Ring Installation



Pinch Clamp Installation



APOLLO PEX

PEX-B PRODUCTS



Part Number	Description	Carton Qty	UPC
COUPLINGS			
APXC3838	3/8 in. Brass PEX Barb Coupling	12	7003148 6 70750 70174 0
APXC1238	1/2 in. x 3/8 in. Brass PEX Barb Reducing Coupling	12	7003189 6 70750 70109 2
APXC1212	1/2 in. Brass PEX Barb Coupling	48	7003155 6 70750 70092 7
APXC121210PK	1/2 in. Brass PEX Barb Coupling (10-Pack)	PRO 10 Pack 12	7003213 6 70750 70098 9
APXC1240JR	1/2 in. Brass PEX Coupling (40-Pack Jar)	40 Pack JAR 4	7340425 1 91988 00509 2
APXC1234	3/4 in. x 1/2 in. Brass PEX Barb Reducing Coupling	24	7003197 6 70750 70108 5
APXC3434	3/4 in. Brass PEX Barb Coupling	24	7003163 6 70750 70110 8
APXC3410PK	3/4 in. Brass PEX Barb Coupling (10-Pack)	PRO 10 Pack 6	7193394 6 70750 94844 2
APXC3425JR	3/4 in. Brass PEX Coupling (25-Pack Jar)	25 Pack JAR 2	7340441 1 91988 00510 8
APXC341	1 in. x 3/4 in. Brass PEX Barb Reducing Coupling	6	7003205 6 70750 77947 3
APXC11	1 in. Brass PEX Barb Coupling	6	7003171 6 70750 70080 4
PEX x POLYBUTYLENE COUPLINGS			
APXBC1212	1/2 in. Brass PEX Barb x Polybutylene Coupling	12	7003106 6 70750 70051 4
APXBC12125PK	1/2 in. Brass PEX Barb x Polybutylene Coupling (5-Pack)	PRO 5 Pack 10	7003130 6 70750 77977 0
APXBC3434	3/4 in. Brass PEX Barb x Polybutylene Coupling	6	7003122 6 70750 70076 7
PEX x CPVC COUPLINGS			
APXCPVC12	1/2 in. Chrome Plated Brass Barb x CPVC CTS Transition Coupling	10	7553175 6 70750 57077 3
APXCPVC34	3/4 in. Chrome Plated Brass PEX Barb x CPVC CTS Transition Coupling	10	3528510 6 70750 57078 0



Part Number	Description	Carton Qty	UPC
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ELBOWS

APXE12	1/2 in. Brass PEX Barb 90° Elbow	48	7003262 6 70750 70258 7
APXE121210PK	1/2 in. Brass PEX Barb 90° Elbow (10-Pack) PRO 10 Pack	12	7003312 6 70750 70262 4
APXE1240JR	1/2 in. Brass PEX Barb 90° Elbow (40-Pack Jar) 40 Pack JAR	4	7340458 6 70750 66882 1
APXE1234	3/4 in. x 1/2 in. Brass PEX Barb 90° Reducing Elbow	12	7003304 6 70750 70272 3
APXE3434	3/4 in. Brass PEX Barb 90° Elbow	48	7003270 6 70750 70277 8
APXE3410PK	3/4 in. Brass PEX Barb 90° Elbow (10-Pack) PRO 10 Pack	6	7193402 6 70750 94856 5
APXE3425JR	3/4 in. Brass PEX Barb 90° Elbow (25-Pack Jar) 25 Pack JAR	2	7340466 6 70750 66883 8
APXE11	1 in. Brass PEX Barb 90° Elbow	12	7003296 6 70750 70257 0

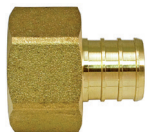
DROP EAR ELBOWS

APXDEE12	1/2 in. Brass PEX Barb x 1/2 in. Female Pipe Thread Adapter 90° Drop-Ear Elbow	24	7003239 6 70750 70254 9
APXDEE3412	3/4 in. Brass PEX Barb x 1/2 in. Female Pipe Thread Adapter 90° Drop-Ear Elbow	10	7460629 6 70750 57076 6
APXDEE34	3/4 in. Brass PEX Barb x 3/4 in. Female Pipe Thread Adapter 90° Drop-Ear Elbow	10	7005333 6 70750 27232 5

FEMALE ELBOWS

APXFAE1212	1/2 in. Brass PEX Barb x Female Swivel 90° Elbow	12	7003361 6 70750 70303 4
APXFSE12	1/2 in. Brass PEX x Female Solder 90° Elbow	12	7422397 1 91988 00471 2
APXFSE34	3/4 in. Brass PEX x Female Solder 90° Elbow	12	7422405 1 91988 00472 9



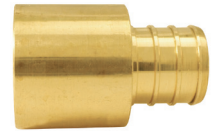


Part Number	Description	Carton Qty	UPC
MALE ELBOWS			
APXME12	1/2 in. Brass PEX Barb x 1/2 in. Male Pipe Thread Adapter 90° Elbow	12	7059736 6 70750 27288 2
APXME1234	1/2 in. Brass PEX Barb x 3/4 in. Male Pipe Thread Adapter 90° Elbow	10	7422421 6 70750 43950 6
APXME34	3/4 in. Brass PEX Barb x 3/4 in. Male Pipe Thread Adapter 90° Elbow	10	7059744 6 70750 27289 9
FEMALE ADAPTERS – THREADED			
APXFA1212	1/2 in. Brass PEX Barb x 1/2 in. Female Pipe Thread Adapter	48	7003338 6 70750 70297 6
APXFB1212S	1/2 in. Brass PEX Barb x Female Swivel Adapter	24	7003379 6 70750 70307 2
APXFA12125PK	1/2 in. Brass PEX Barb x 1/2 in. Female Pipe Thread Adapter (5-Pack)	12	7003411 6 70750 70299 0
APXFA1225JR	1/2 in. Brass PEX Barb x 1/2 in. Female Pipe Thread Adapter (25-Pack Jar)	4	50003 46558 6
APXFA1234	1/2 in. Brass PEX Barb x 3/4 in. Female Pipe Thread Adapter	10	7059728 6 70750 27201 1
APXFA3412	PEX Barb 3/4 in. x 1/2 in. Brass Female Pipe Thread Adapter	10	7460637 6 70750 27202 8
APXFA3434	3/4 in. Brass PEX Barb x 3/4 in. Female Pipe Thread Adapter	24	7003346 6 70750 70302 7
APXFA3425JR	3/4 in. Brass PEX Barb x 3/4 in. Female Pipe Thread Adapter (25-Pack Jar)	2	50003 46559 3
APXFF3434S	3/4 in. Brass PEX Barb x Female Swivel Adapter	6	7059702 6 70750 77981 7
APXFA34B1F	3/4 in. Brass PEX Barb x 1 in. Female Pipe Thread Adapter	5	7460645 6 70750 77978 7
APXFA11	1 in. Brass PEX Barb x 1 in. Female Pipe Thread Adapter	6	7003353 6 70750 70284 6
FEMALE ADAPTERS – SOLDER			
APXFS1212	1/2 in. Brass PEX Barb x 1/2 in. Female Copper Sweat Adapter	48	7003387 6 70750 70332 4
APXFS1210PK	1/2 in. Brass PEX Barb x 1/2 in. Female Copper Sweat Adapter (10-Pack)	6	7460496 6 70750 94859 6
APXFS1240JR	1/2 in. Brass PEX Barb x 1/2 in. Female Copper Sweat Adapter (40-Pack Jar)	4	50003 46556 2

Part Number Description Carton Qty UPC

FEMALE ADAPTERS – SOLDER *(continued)*

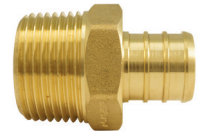
APXFS3434	3/4 in. Brass PEX Barb x 3/4 in. Female Copper Sweat Adapter	24	7003395 6 70750 70338 6
APXFS3430JR	3/4 in. Brass PEX Barb x 3/4 in. Female Copper Sweat Adapter (30-Pack Jar)	2	50003 46557 9
APXFS411	1 in. Brass PEX Barb x 1 in. Female Copper Sweat Adapter	5	7003403 6 70750 70348 5



PEX-B

MALE ADAPTERS – THREADED

APXMA3812	3/8 in. Brass PEX Barb x 1/2 in. Male Pipe Thread Reducing Adapter	6	7422413 6 70750 94922 7
APXMA1212	1/2 in. Brass PEX Barb x Male Pipe Thread Adapter	48	7003452 6 70750 70366 9
APXMA125PK	1/2 in. Brass PEX Barb x Male Pipe Thread Adapter (5-Pack)	6	7460504 6 70750 94891 6
APXMA1225JR	1/2 in. Brass PEX Barb x Male Pipe Thread Adapter (25-Pack Jar)	4	7340482 1 91988 00511 5
APXMA1234	3/4 in. Brass PEX Barb x 1/2 in. Male Pipe Thread Reducing Adapter	12	7003486 6 70750 70406 2
APXMA3412	1/2 in. Brass PEX Barb x 3/4 in. Male Pipe Thread Reducing Adapter	24	7003510 6 70750 70431 4
APXMA3434	3/4 in. Brass PEX Barb x Male Pipe Thread Adapter	24	7003460 6 70750 70438 3
APXMA34345PK	3/4 in. Brass PEX Barb x Male Pipe Thread Adapter (5-Pack)	5	7003536 6 70750 70462 8
APXMA3425JR	3/4 in. Brass PEX Barb x Male Pipe Thread Adapter (25-Pack Jar)	2	7340490 1 91988 00512 2
APXMA341	3/4 in. Brass PEX Barb x 1 in. Male Pipe Thread Reducing Adapter	5	7003502 6 70750 77982 4
APXMA134	1 in. Brass PEX Barb x 3/4 in. Male Pipe Thread Reducing Adapter	6	7059710 6 70750 27200 4
APXMA11	1 in. Brass PEX Barb x Male Pipe Thread Adapter	12	7003478 6 70750 70360 7



MALE ADAPTERS – SOLDER

APXMS1212	1/2 in. Brass PEX Barb x Male Copper Sweat Adapter	24	7003544 6 70750 70475 8
APXMS121210PK	1/2 in. Brass PEX Barb x Male Copper Sweat Adapter (10-Pack)	6	7460538 6 70750 70476 5

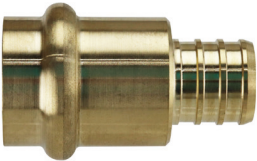


PEX-B PRODUCTS



MALE ADAPTERS – SOLDER *(continued)*

Part Number	Description	Carton Qty	UPC
APXMS3434	3/4 in. Brass PEX Barb x Male Copper Sweat Adapter	12	7003551 6 70750 70478 9
APXMSA11	1 in. Brass PEX Barb x Male Copper Sweat Adapter	5	7003569 6 70750 77983 1



PRESS ADAPTERS

APXPR1212	1/2 in. Brass PEX Barb x Press Adapter	12	50003 46570 8
APXPR3434	3/4 in. Brass PEX Barb x Press Adapter	12	50003 46571 5
APXPR11	1 in. Brass PEX Barb x Press Adapter	12	50003 46572 2



TEST PLUGS

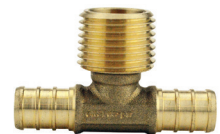
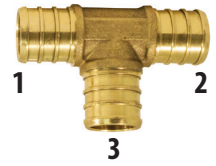
APXP12	1/2 in. Brass PEX Barb Plug	24	7003577 6 70750 70479 6
APXP125PK	1/2 in. Brass PEX Barb Plug (5-Pack)	6 PRO 5 Pack	7193410 6 70750 94925 8
APXP34	3/4 in. Brass PEX Barb Plug	12	7003585 6 70750 70482 6



TEES

APXT38	3/8 in. Brass PEX Barb Tee	12	7003601 6 70750 69827 9
APXT12	1/2 in. Brass PEX Barb Tee	48	7003619 6 70750 70629 5
APXT1210PK	1/2 in. Brass PEX Barb Tee (10-Pack)	6 PRO 10 Pack	7003718 6 70750 70630 1
APXT1225JR	1/2 in. Brass PEX Barb Tee (25-Pack Jar)	4 25 Pack JAR	7340524 6 70750 66885 2
APXT121234	1/2 in. x 1/2 in. x 3/4 in. Brass PEX Barb Reducing Tee	12	7003643 6 70750 77984 8
APXT341212	3/4 in. x 1/2 in. x 1/2 in. Brass PEX Barb Reducing Tee	12	7003668 6 70750 70637 0
APXT341234	3/4 in. x 1/2 in. x 3/4 in. Brass PEX Barb Reducing Tee	12	7003676 6 70750 70653 0

Part Number	Description	Carton Qty	UPC
TEES (continued)			
APXT343412	3/4 in. x 3/4 in. x 1/2 in. Brass PEX Barb Reducing Tee	24	7003684 6 70750 69801 9
APXT3434125PK	3/4 in. x 3/4 in. x 1/2 in. Brass PEX Barb Reducing Tee (5-Pack) PRO 5 Pack	5	7003734 6 70750 69802 6
APXT34	3/4 in. Brass PEX Barb Tee	24	7003627 6 70750 70632 5
APXT3410PK	3/4 in. Brass PEX Barb Tee (10-Pack) PRO 10 Pack	6	7193436 6 70750 94926 5
APXT3425JR	3/4 in. Brass PEX Barb Tee (25-Pack Jar) 25 Pack JAR	2	7340532 6 70750 66887 6
APXT1112	1 in. x 1 in. x 1/2 in. Brass PEX Barb Reducing Tee	6	7003692 6 70750 70616 5
APXT1134	1 in. x 1 in. x 3/4 in. Brass PEX Barb Reducing Tee	6	7003700 6 70750 70626 4
APXT11	1 in. Brass PEX Barb Tee	6	7003635 6 70750 70599 1
DROP EAR TEES			
APXDET12	1/2 in. Brass PEX Barb x PEX Barb x Female Pipe Thread Drop-Ear Tee	12	7422371 1 91988 00469 9
APXDET34	3/4 in. Brass PEX Barb x PEX Barb x Female Pipe Thread Drop-Ear Tee	12	7422389 1 91988 00470 5
MALE TEES			
APXMT12	1/2 in. Brass PEX Barb x Male Pipe Thread Adapter Tee	12	7422447 6 70750 57073 5
APXMT34	3/4 in. Brass PEX Barb x Male Pipe Thread Adapter Tee	12	7422454 6 70750 57074 2



PEX-B PRODUCTS



Part Number		Description	Carton Qty	UPC
COUPLINGS				
PXPAC125PK		1/2 in. Plastic PEX Barb Coupling (5-Pack)	24	8976201 6 70750 95044 5
PXPAC12100JR	100 Pack JAR	1/2 in. Plastic PEX Barb Coupling (100-Pack Jar)	2	8976599 1 91988 00357 9
PXPAC34125PK		3/4 in. x 1/2 in. Plastic PEX Barb Reducing Coupling (5-Pack)	12	8976607 6 70750 95046 9
PXPAC345PK		3/4 in. Plastic PEX Barb Coupling (5-Pack)	18	8976227 6 70750 95059 9
PXPAC3450JR	50 Pack JAR	3/4 in. Plastic PEX Barb Coupling (50-Pack Jar)	2	8976599 1 91988 00359 3
PXPAC1125PK		1 in. x 1/2 in. Plastic PEX Barb Coupling (5-Pack)	5	8976219 8 10053 46297 3
PXPAC3415PK		1 in. x 3/4 in. Plastic PEX Barb Reducing Coupling (5-Pack)	12	8976219 6 70750 95053 7
PXPAC115PK		1 in. Plastic PEX Barb Coupling (5-Pack)	12	8976581 6 70750 95039 1
ELBOWS				
PXPAE125PK		1/2 in. Plastic PEX Barb 90° Elbow (5-Pack)	24	8976243 6 70750 95074 2
PXPAE1265JR	65 Pack JAR	1/2 in. Plastic PEX Barb 90° Elbow (65-Pack Jar)	2	8976557 1 91988 00362 3
PXPAE12345PK		1/2 in. x 3/4 in. Plastic PEX Barb Reducing 90° Elbow (5-Pack)	12	8976623 6 70750 95071 1
PXPAE345PK		3/4 in. Plastic PEX Barb 90° Elbow (5-Pack)	18	8976250 6 70750 95077 3
PXPAE3430JR	30 Pack JAR	3/4 in. Plastic PEX Barb 90° Elbow (30-Pack Jar)	2	8976557 1 91988 00363 0
PXPAE115PK		1 in. Plastic PEX Barb 90° Elbow (5-Pack)	12	8976615 6 70750 95065 0



Part Number	Description	Carton Qty	UPC
FEMALE ELBOWS			
PXPAFES125PK	1/2 in. Plastic PEX Barb x Female Swivel 90° Elbow (5-Pack)	12	8976268 6 70750 95084 1
PXPAFES12345PK	1/2 in. Plastic PEX Barb x 3/4 in. Female Swivel 90° Elbow (5-Pack)	10	8 10053 46238 6
PXPAFES34125PK	3/4 in. Plastic PEX Barb x 1/2 in. Female Swivel 90° Elbow (5-Pack)	10	8 10053 46239 3
PXPAFES345PK	3/4 in. Plastic PEX Barb x Female Swivel 90° Elbow (5-Pack)	10	8 10053 46246 1
PXPAFES1345PK	1 in. Plastic PEX Barb x 3/4 in. Female Swivel 90° Elbow (5-Pack)	10	8 10053 46240 9
MALE ELBOWS			
PXPAME125PK	1/2 in. Plastic PEX Barb x Male Pipe Thread 90° Elbow (5-Pack)	6	6 70750 95101 5
PXPAME12345PK	1/2 in. Plastic PEX Barb x 3/4 in. Male Pipe Thread 90° Elbow (5-Pack)	10	8 10053 46247 8
PXPAME34125PK	3/4 in. Plastic PEX Barb x 1/2 in. Male Pipe Thread 90° Elbow (5-Pack)	10	8 10053 46248 5
PXPAME345PK	3/4 in. Plastic PEX Barb x Male Pipe Thread 90° Elbow (5-Pack)	5	8 10053 46318 5
FEMALE ADAPTERS			
PXPAF1212S5PK	1/2 in. Plastic PEX Barb x Female Swivel Adapter (5-Pack)	12	8976409 6 70750 95078 0
PXPAF1234S5PK	1/2 in. Plastic PEX Barb x 3/4 in. Female Swivel Adapter (5-Pack)	10	8 10053 46249 2
PXPAF1278S5PK	1/2 in. Plastic PEX Barb x 7/8 in. Female Swivel Adapter (5-Pack)	10	8 10053 46241 6
PXPAF34S5PK	3/4 in. Plastic PEX Barb x Female Swivel Adapter (5-Pack)	10	8 10053 46246 1



PEX-B PRODUCTS



Part Number		Description	Carton Qty	UPC
MALE ADAPTERS				
PXPAM125PK		1/2 in. Plastic PEX Barb x Male Pipe Thread Adapter (5-Pack)	12	8976276 6 70750 95091 9
PXPAM1240JR	40 Pack JAR	1/2 in. Plastic PEX Barb x Male Pipe Thread Adapter (40-Pack Jar)	2	1 91988 00360 9
PXPAM12345PK		1/2 in. Plastic PEX Barb x 3/4 in. Male Pipe Thread Adapter (5-Pack)	5	8 10053 46310 9
PXPAM34125PK		3/4 in. Plastic PEX Barb x 1/2 in. Male Pipe Thread Adapter (5-Pack)	6	8976284 6 70750 95096 4
PXPAM345PK		3/4 in. Plastic PEX Barb x Male Pipe Thread Adapter (5-Pack)	12	8976292 6 70750 95100 8
PXPAM3425JR	25 Pack JAR	3/4 in. Plastic PEX Barb x Male Pipe Thread Adapter (25-Pack Jar)	2	1 91988 00361 6
PXPAM15PK		1 in. Plastic PEX Barb x Male Pipe Thread Adapter (5-Pack)	5	8 10053 46311 6



TEST PLUGS				
PXPAP125PK		1/2 in. Plastic PEX Barb Plug (5-Pack)	24	8976334 6 70750 95102 2
PXPAP12100JR	100 Pack JAR	1/2 in. Plastic PEX Barb Plug (100-Pack Jar)	2	1 91988 00364 7
PXPAP345PK		3/4 in. Plastic PEX Barb Plug (5-Pack)	18	8976359 6 70750 95108 4
PXPAP3490JR	90 Pack JAR	3/4 in. Plastic PEX Barb Plug (90-Pack Jar)	2	1 91988 00365 4
PXPAP15PK		1 in. Plastic PEX Barb Plug (5-Pack)	6	6 70750 95102 2

Part Number	Description	Carton Qty	UPC
TEES			
PXPAT125PK	1/2 in. Plastic PEX Barb Tee (5-Pack)	24	8976367 6 70750 95179 4
PXPAT1240JR	1/2 in. Plastic PEX Barb Tee (40-Pack Jar)	2	8976565 1 91988 00366 1
PXPAT1212345PK	1/2 in. x 1/2 in. x 3/4 in. Plastic PEX Barb Reducing Tee (5-Pack)	6	8976672 6 70750 95177 0
PXPAT3412125PK	3/4 in. x 1/2 in. x 1/2 in. Plastic PEX Barb Reducing Tee (5-Pack)	12	8976631 6 70750 95305 7
PXPAT3412345PK	3/4 in. x 1/2 in. x 3/4 in. Plastic PEX Barb Reducing Tee (5-Pack)	12	8977258 6 70750 95384 2
PXPAT3434125PK	3/4 in. x 3/4 in. x 1/2 in. Plastic PEX Barb Reducing Tee (5-Pack)	12	8976649 6 70750 95393 4
PXPAT345PK	3/4 in. Plastic PEX Barb Tee (5-Pack)	18	8976375 6 70750 95395 8
PXPAT3420JR	3/4 in. Plastic PEX Barb Tee (20-Pack Jar)	2	8976375 1 91988 00367 8
PXPAT11125PK	1 in. x 1 in. x 1/2 in. Plastic PEX Barb Reducing Tee (5-Pack)	6	8 10053 46322 2
PXPAT11345PK	1 in. x 1 in. x 3/4 in. Plastic PEX Barb Reducing Tee (5-Pack)	6	8 10053 46323 9
PXPAT343415PK	3/4 in. x 3/4 in. x 1 in. Plastic PEX Barb Reducing Tee (5-Pack)	5	8 10053 46333 8
PXPAT134345PK	1 in. x 3/4 in. x 3/4 in. Plastic PEX Barb Reducing Tee (5-Pack)	6	8 10053 46327 7
PXPAT13415PK	1 in. x 3/4 in. x 1 in. Plastic PEX Barb Reducing Tee (5-Pack)	6	8 10053 46326 0
PXPAT15PK	1 in. Plastic PEX Barb Tee (5-Pack)	5	8 10053 46328 4



PEX-B

PEX-B PRODUCTS



Part Number

Description

Carton Qty

UPC

VALVES

APXV1212

1/2 in. Brass PEX Barb Ball Valve

24

7003742



APXV3434

3/4 in. Brass PEX Barb Ball Valve

24

7003759



APXV11

1 in. Brass PEX Barb Ball Valve

6

7346372



APXFF1212S

1/2 in. PEX Barb x Female Pipe Thread
Brass Swivel Ball Valve

5



APXV12M

1/2 in. PEX-B Barb x 1/2 in. MPT
Male Ball Valve with Tee Handle

10



APXV34M

3/4 in. PEX-B Barb x 3/4 in. MPT
Male Ball Valve with Tee Handle

10



APXGHV1234

1/2 in. Chrome-Plated Brass PEX Brass Barb x
3/4 in. Machine Hose Thread Angle Stop Valve

6



APXV12T

1/2 in. Brass PEX Barb Ball Valve with
Tee Handle and Mounting Pad

6



APXV34T

3/4 in. Brass PEX Barb Ball Valve with
Tee Handle and Mounting Pad

6



APXV12WD

1/2 in. Brass PEX Barb Ball Valve with
Drain and Mounting Pad

12



APXV34WD

3/4 in. Brass PEX Barb Ball Valve with
Drain and Mounting Pad

6



APXVA1214C

1/2 in. Chrome-Plated Brass PEX Barb x 1/4 in.
Compression Quarter-Turn Angle Stop Valve

6



APXVS1214C

1/2 in. Chrome-Plated Brass PEX Barb x 1/4 in.
Compression Quarter-Turn Straight Stop Valve

6



APXVA1238C

1/2 in. Chrome-Plated Brass PEX Barb x 3/8 in.
Compression Quarter-Turn Angle Stop Valve

24



APXVA1238C6JR

6
Pack
JAR

1/2 in. Chrome-Plated Brass PEX Barb x 3/8 in.
Comp. Qtr-Turn Angle Stop Valve (6-Pack Jar)

2




APXVA1238C20JR

20
Pack
JAR

1/2 in. PEX Barb x 3/8 in. Comp. Brass Qtr-Turn
Angle Stop Valve, Chrome-Plated (20-Pack Jar)

2



Part Number	Description	Carton Qty	UPC
VALVES <i>(continued)</i>			
APXVS1238C	1/2 in. Chrome-Plated Brass PEX Barb x 3/8 in. Compression Quarter-Turn Straight Stop Valve	24	7003783 
APXVS1238C6JR	1/2 in. Chrome-Plated Brass PEX Barb x 3/8 in. Comp. Qtr-Turn Straight Stop Valve (6-Pack Jar)	 2	7460785 
APXVS1238C20JR	1/2 in. PEX Barb x 3/8 in. Comp. Brass Qtr-Turn Str. Stop Valve, Chrome-Plated (20-Pack Jar)	 2	
APXVA123838C	1/2 in. Chrome-Plated Brass PEX Barb x 3/8 in. Comp. Dual Outlet Qtr-Turn Angle Stop Valve	12	7460751 
APXVT121238	1/2 in. Chrome-Plated Brass PEX Barb x 3/8 in. Compression Quarter-Turn Dishwasher Tee Valve	12	7422561 
APXPV1238A	1/2 in. Push-To-Connect x 3/8 in. Compression Angle Stop Valve	12	7003767 
APXPV1238S	1/2 in. Push-To-Connect x 3/8 in. Compression Straight Stop Valve	12	7005341 
APXPRV34WG	3/4 in. Bronze Double Union PEX Water Pressure Regulator with Gauge	3	7422470 
APXSCV1234	1/2 in. Brass PEX Barb x 3/4 in. Garden Hose Thread Quarter-Turn Sillcock	12	7460652 
APXSCV3434	3/4 in. Brass PEX Barb x Garden Hose Thread Quarter-Turn Sillcock	12	7422496 
APXFPH12	1/2 in. Brass PEX-B Barb x 3/4 in. MHT Chrome Plated Brass Telescoping Anti-Siphon Frost Free Sillcock	6	



PEX-B PRODUCTS



Part Number	Description	Carton Qty	UPC
ACCESSORIES			

APXBOXIM	1/2 in. Brass PEX Barb Ice Maker Outlet Box	2	7553183 6 70750 96061 1
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APXBOXWM	1/2 in. Brass PEX Barb Washing Machine Outlet Box	3	7553209 6 70750 96060 4
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APXBOXWMWH	1/2 in. Brass PEX Barb Washing Machine Outlet Box with Water Hammer Arrestors	3	10053 46254 6
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APPW14RISER	1/4 in. (3/8 in. O.D.) x 2 ft. White PEX Pipe Riser	60	70750 95447 4
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APXCSST18	1/2 in. Brass PEX Barb x 3/4 in. Female Pipe Thread x 18 in. Corrugated Stainless Steel Water Heater Connector	5	7422355 6 70750 57055 1
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APXCSST1834	3/4 in. Brass PEX Barb x 3/4 in. Female Pipe Thread x 18 in. Corrugated Stainless Steel Water Heater Connector	6	7460611 1 91988 00562 7
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APXCSST1834BV	3/4 in. Brass PEX Barb Ball Valve x 3/4 in. Female Pipe Thread x 18 in. Corrugated Stainless Steel Water Heater Connector	6	50003 46569 2
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APXSTP	1/2 in. NPT Shower Test Plug	60	7422512 6 70750 46946 6
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APXSTUB8WE	8 in. x 1/2 in. Copper PEX Barb Stub-Out 90° Elbow with Flange	12	7059793 6 70750 35248 5
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REMOVAL TOOLS



69PTKD0009	1/2 - 1 in. PEX Copper Crimp Ring Removal Tool	6	8974370 6 70750 19314 9
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69PTKPCRR	PEX Pinch Clamp Removal Tool	5	8976193 6 70750 57060 5
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Part Number

Description

Carton Qty

UPC

FASTENING TOOLS

69PTKH0015Q

Multi-Head PEX Copper Crimp Ring Tool Kit
(F-1807 and F-2159 connections)

2



69PTKH0014C

1/2 in. and 3/4 in. PEX Copper Crimp Ring Tool
(F-1807 and F-2159 connections)

2



69PTKANG143

1/2 in. PEX Copper Crimp Ring Angle Tool
(F-1807 and F-2159 connections)

1



69PTKANG144

3/4 in. PEX Copper Crimp Ring Angle Tool
(F-1807 and F-2159 connections)

1



69PTKH0014SS

1/2 in. and 3/4 in. PEX Stainless Steel Sleeve Tool
(F-876/F877 stainless steel sleeve connections)

3



69PTKG1096

3/8 in., 1/2 in. and 3/4 in. PEX Quick Pinch Clamp
Tool (F-2098 connections)

3



69PTBJ0010C

3/8 in. to 1 in. 1-Hand PEX Pinch Clamp Tool
(F-2098 connections)

3



PEX PIPE CUTTERS

69PTKC001

1/2 in. to 1 in. PEX Pipe Cutter

6



69PC02PZ

1/8 in. to 1 in. Ratcheting PVC Pipe and Tubing Cutter

12



PLTL82

1/2 in. Quick Cut Multi-Pipe and Tube Cutter

10



PLTL83

3/4 in. Quick Cut Multi-Pipe and Tube Cutter

10



PIPE CUTTERS

69PC06PZ

3/8 in. to 2 in. Ratcheting PVC Pipe and Tubing Cutter

5



69PC07PZ

1/4 in. - 1-1/4 in. CSST Tubing Cutter

5



PROTC118

1/8 in. to 1-1/8 in. Pro Fit Tubing Cutter

10

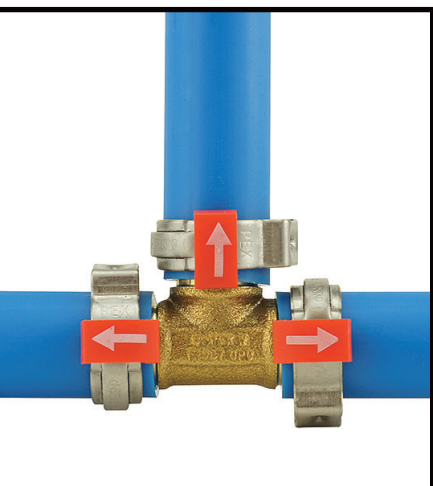


PROTC2

1/2 in. to 2 in. Pro Fit Tubing Cutter

5





PEX-B

FASTENERS

Crimp Rings

Apollo Crimp Rings are made from copper materials and can be used with brass or poly alloy PEX fittings. A gauge is provided with Apollo PEX Crimp Tools that can be used to check crimp rings for a proper crimp. Pro crimp rings have a plastic top attached to allow for hands-free fastening and guarantees proper placement of the crimp ring.

Crimp Ring

- Copper material
- Use with brass or poly alloy fittings
- Gauge available to check for proper crimp

Pro Crimp Ring

- Copper material with plastic top
- Use with brass or poly alloy fittings
- Allows for hands free fastening
- Secures crimp ring position on pipe
- Guarantees proper ring placement

Pinch Clamps

Apollo Stainless Steel Pinch Clamps can be used with brass or poly alloy PEX fittings. One Pinch Clamp Tool can clamp several sizes of pinch clamps. Pro pinch clamps have a plastic piece attached to allow for hands-free fastening and guarantees proper placement of the pinch clamp.

Pinch Clamp

- Stainless Steel material
- Use with brass or poly alloy fittings
- One tool can clamp several ring sizes
- Reduced equipment cost

Pro Pinch Clamp

- Stainless Steel material with plastic tab
- Use with brass or poly alloy fittings
- One tool can clamp several ring sizes
- Allows for hands free fastening
- Secures crimp ring position on pipe
- Guarantees proper ring placement

Sleeves

Apollo Stainless Steel Sleeves are made from corrosion proof 304 stainless steel and designed with a pipe depth indicator to ensure a secure connection. They are double crimped once installed for the strongest, most reliable fastening method available, as well as offering a neat, clean appearance.

- Stainless Steel material
- One tool can clamp 1/2" or 3/4" sleeves
- Secures crimp sleeve position on pipe

- Use with brass or poly alloy fittings
- Reduced equipment cost
- ASTM F876, NSF 14 and 61 approvals

Pipe Hangers

Plastic pipe hangers are recommended for use with Apollo PEX tubing. To prevent noise transfer, only use hangers that keep the tube off of the nailing surface. Hangers should be used every 32 in. on horizontal runs and every 4 ft. on vertical runs. Allow the tube to dip between hangers and never over tighten. To prevent stress on the crimp joints, always support tubing before and after the fitting.

Pipe Bends

Do not bend tube too tightly. The minimum recommended bend radius is six times the tube size (i.e. 1/2 in. tube = 3 in. bend radius). When making a 90° turn, use bend supports.

APOLLO PEX

Part Number	Description	Carton Qty	UPC
CRIMP RINGS			
APXCR3810PK	3/8 in. Copper Crimp Ring (10-Pack)	5	7003791 6 70750 70240 2
APXCR1210PK	1/2 in. Copper Crimp Ring (10-Pack)	30	7003817 6 70750 70193 1
APXCR1225PK	1/2 in. Copper Crimp Ring (25-Pack)	PRO 25 Pack 24	7460553 6 70750 95556 3
APXCR1250PK	1/2 in. Copper Crimp Ring (50-Pack)	PRO 50 Pack 10	7003825 6 70750 70194 8
APXCR12100JR	1/2 in. Copper Crimp Ring (100-Pack Jar)	100 Pack JAR 4	7460546 6 70750 66889 0
APXCR3410PK	3/4 in. Copper Crimp Ring (10-Pack)	15	7003833 6 70750 70230 3
APXCR3425PK	3/4 in. Copper Crimp Ring (25-Pack)	PRO 25 Pack 12	7003841 6 70750 70233 4
APXCR34100JR	3/4 in. Copper Crimp Ring (100-Pack Jar)	100 Pack JAR 2	7460595 6 70750 66892 0
APXCR15PK	1 in. Copper Crimp Ring (5-Pack)	5	7003874 6 70750 70219 8
APXCR125PK	1 in. Copper Crimp Ring (25-Pack)	PRO 25 Pack 6	7460579 6 70750 94927 2
PRO CRIMP RINGS			
APXCR12LT	1/2 in. Copper Pro Crimp Ring (10-Pack)	5	7003858 6 70750 77988 6
APXCR12LTJR	1/2 in. Copper Pro Crimp Ring (75-Pack Jar)	75 Pack JAR 4	7460587 1 91988 00507 8
APXCR34LT	3/4 in. Copper Pro Crimp Ring (10-Pack)	5	7003866 6 70750 77989 3
APXCR34LTJR	3/4 in. Copper Pro Crimp Ring (75-Pack Jar)	75 Pack JAR 2	7460603 1 91988 00508 5
SLEEVES			
PXSS1210PK	1/2 in. Stainless Steel PEX Crimp Sleeve (10-Pack)	10	8976177 6 70750 41287 5
PXSS1225PK	1/2 in. Stainless Steel PEX Crimp Sleeve (25-Pack)	PRO 25 Pack 10	8977324 6 70750 41289 9



PEX-B PRODUCTS



Part Number	Description	Carton Qty	UPC
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SLEEVES

PXSS3410PK	3/4 in. Stainless Steel PEX Crimp Sleeve (10-Pack)	10	8976185 6 70750 41290 5
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PXSS3425PK	PRO 25 Pack 3/4 in. Stainless Steel PEX Crimp Sleeve (25-Pack)	10	8976185 6 70750 41291 2
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PINCH CLAMPS

PXPC3810PK	3/8 in. Stainless Steel PEX Barb Pinch Clamp (10-Pack)	6	8974610 6 70750 26912 7
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PXPC1210PK	1/2 in. Stainless Steel PEX Barb Pinch Clamp (10-Pack)	24	8974636 6 70750 26913 4
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PXPC1225PK	PRO 25 Pack 1/2 in. Stainless Steel PEX Barb Pinch Clamp (25-Pack)	10	8974669 6 70750 27145 8
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PXPC12100JR	100 Pack JAR 1/2 in. Stainless Steel PEX Barb Pinch Clamp (100-Pack Jar)	4	8976656 6 70750 03963 8
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PXPC3410PK	3/4 in. Stainless Steel PEX Barb Pinch Clamp (10-Pack)	24	8974644 6 70750 26915 8
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PXPC3425PK	PRO 25 Pack 3/4 in. Stainless Steel PEX Barb Pinch Clamp (25-Pack)	10	8974677 6 70750 27146 5
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PXPC34100JR	100 Pack JAR 3/4 in. Stainless Steel PEX Barb Pinch Clamp (100-Pack Jar)	2	8976680 6 70750 03967 6
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PXPC15PK	1 in. Stainless Steel PEX Barb Pinch Clamp (5 Pack)	10	8974651 6 70750 26916 5
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PXPC110PK	PRO 10 Pack 1 in. Stainless Steel PEX Barb Pinch Clamp (10-Pack)	12	8977266 6 70750 94956 2
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PRO PINCH CLAMPS

PXPRO1210PK	1/2 in. Stainless Steel PEX Barb Pro Pinch Clamp (10-Pack)	24	8977290 1 91988 00457 6
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PXPRO12100JR	100 Pack JAR 1/2 in. Stainless Steel PEX Barb Pro Pinch Clamp (100-Pack Jar)	4	8977274 1 91988 00459 0
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PXPRO3410PK	3/4 in. Stainless Steel PEX Barb Pro Pinch Clamp (10-Pack)	12	8977316 1 91988 00458 3
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PXPRO34100JR	100 Pack JAR 3/4 in. Stainless Steel PEX Barb Pro Pinch Clamp (100-Pack Jar)	2	8977308 1 91988 00462 0
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Part Number

Description

Carton Qty

UPC

HOOKS AND CLAMPS

APXJH1210PK

1/2 in. PEX Pipe J-Hook Pipe Support (10-Pack)

12



APXJH3410PK

3/4 in. PEX Pipe J-Hook Pipe Support (10-Pack)

12



APXJH110PK

1 in. PEX Pipe J-Hook Pipe Support (10-Pack)

12



APXTALON

1/2 in. and 3/4 in. 2-in-1 PEX Pipe
J-Hook Pipe Support (10-Pack)

12



APXTALON40JR

1/2 in. and 3/4 in. 2-in-1 PEX Pipe
J-Hook Pipe Support (40-Pack Jar)

2



APXSUSCLAMP

1/2 in. Plastic Insulated Stud Suspension Clamp
(10-Pack)

6



APXSUSCLAMP34

3/4 in. Plastic Insulated Stud Suspension Clamp
(10-Pack)

6



APXSUSCLAMPU

1/2 - 1 in. Universal Plastic Insulated
Stud Suspension Clamp (10-Pack)

6



GRIP RIGHT® PIPE SUPPORTS

APXGR1210PK

1/2 in. Grip Right® Pipe Support (10-Pack)

12



APXGR3410PK

3/4 in. Grip Right® Pipe Support (10-Pack)

12

Scan the QR code for a
video about Grip Right

PIPE BENDS

APXMBEND12

1/2 in. Metal PEX Pipe 90° Bend Support

12



APXMBEND34

3/4 in. Metal PEX Pipe 90° Bend Support

12



PXBEND12

1/2 in. Plastic PEX Pipe
90° Bend Support with Mounting Bracket

12



PXBEND34

3/4 in. Plastic PEX Pipe
90° Bend Support with Mounting Bracket

10



APXSOBEND2PK

1/2 in. Plastic PEX Pipe
90° Stub-Out Bend for Support Bar (2 Pack)

6

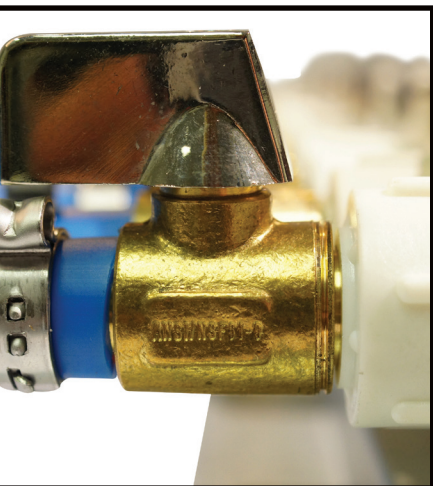
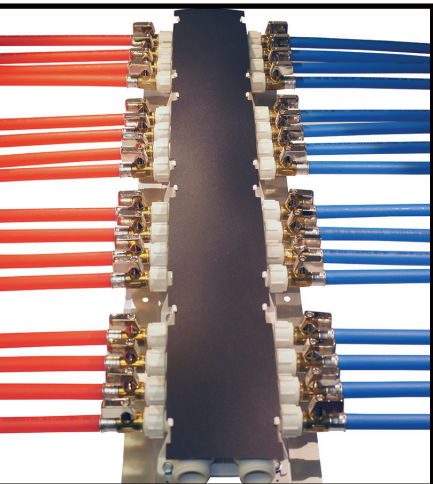


APXSOBAR

3/8 in - 3/4 in. PEX Stub-Out Bend Support Bar

25





PEX-B

MANIFOLDS

Apollo PEX Manifold Systems are available in a wide range of outlet ports. Each manifold system has a galvanized back plate for easy mounting to any structure. The cover plate, for labeling purposes, is constructed of 1/4" ABS. All are bolted to the back plate, rather than screwed. Each manifold system consists of two inlet ports that supply the dual chambers. Typically one inlet is used for cold water supply, and the other inlet is used for hot water supply. However, both inlets may be used for either hot or cold water. The water inlet connections are 1 in. MPT or included 3/4 in. PEX-B Barb x 1 in. MPT adapters can be used to make the inlets 3/4 in. PEX-B Barb. The outlets are 1/2 in. MPT. 1/2 in. FPT Swivel x PEX-B Barb valves are included.

Each manifold system is individually boxed, and includes red and blue labels for indicating the destination fixtures. Keep the manifold in it's carton until ready for installation. Protect the manifold from dust and debris until plumbing system is fully installed.

Specifications

- Save Time and Money - Manifolds allow you to make longer continuous runs of PEX pipe, meaning you buy fewer fittings and spend less time installing.
- Fewer Possible Leaks - Longer continuous runs with fewer crimp connections means fewer chances of leaks and avoiding the possibility of thousands of dollars in water damage.
- Controls Scalding - When plumbed so that each branch line feeds only one fixture, the manifold greatly reduces pressure fluctuations and temperature swings that cause scalding.
- Quiet Plumbing - Longer runs of pipe using fewer fittings means smoother bends and turns which reduces line noise and water hammer.

Installation Caution

- Before and after installation, ensure manifold is kept in a location with limited exposure to chemicals, paint, hazardous materials, debris, excessive heat, direct flame, or moving objects that could cause damage.
- The manifold should be located in an area that will not be covered permanently with sheet rock, plywood, or paneling.
- Manifolds should not be installed or kept in a location exposed to freezing temperatures.
- Do not allow water to freeze in the manifold.
- Care should be taken not to over or under tighten fittings.
- Distribution lines must connect to the connecting valves in a straight line perpendicular to the manifold as to avoid bending stress on the valves.
- Manifolds should be installed per all local and national building/plumbing codes. Where a conflict exists between installation instructions and local requirements, the local codes shall take precedence.
- The installer must also meet all qualifications required by the state and/or local administrative authority administering the provisions of the code where PEX piping is installed.

Part Number	Description	Carton Qty	UPC
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MANIFOLD SYSTEMS

APXMANI12P	12-Port with 1/2 in. PEX-B Poly Alloy Ball Valves	1	8974768 8 10053 46805 0
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APXMANI16P	16-Port with 1/2 in. PEX-B Poly Alloy Ball Valves	1	70750 38268 0
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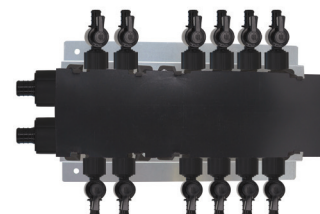
APXMANI20P	20-Port with 1/2 in. PEX-B Poly Alloy Ball Valves	1	70750 58262 2
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APXMANI24P	24-Port with 1/2 in. PEX-B Poly Alloy Ball Valves	1	8977332 8 10053 46806 7
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APXMANI28P	28-Port with 1/2 in. PEX-B Poly Alloy Ball Valves	1	70750 58264 6
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APXMANI32P	32-Port with 1/2 in. PEX-B Poly Alloy Ball Valves	1	70750 58265 3
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APXMANI36P	36-Port with 1/2 in. PEX-B Poly Alloy Ball Valves	1	70750 58273 8
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POLY ALLOY MANIFOLDS

PXPA2PTC	3/4 in. Barb Inlets x 1/2 in. Barb 2-Port PEX Closed Plastic Manifold	20	8977209 6 70750 02254 8
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PXPA4PTC	3/4 in. Barb Inlets x 1/2 in. Barb 4-Port PEX Closed Plastic Manifold	20	8977233 6 70750 02268 5
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PXPA2PTO	3/4 in. Barb Inlets x 1/2 in. Barb 2-Port PEX Open Plastic Manifold	20	8977225 6 70750 02265 4
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PXPA4PTO	3/4 in. Barb Inlets x 1/2 in. Barb 4-Port PEX Open Plastic Manifold	10	8977241 6 70750 02274 6
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PXPA6PTO	3/4 in. Barb Inlets x 1/2 in. Barb 6-Port PEX Open Plastic Manifold	10	8977175 6 70750 03880 8
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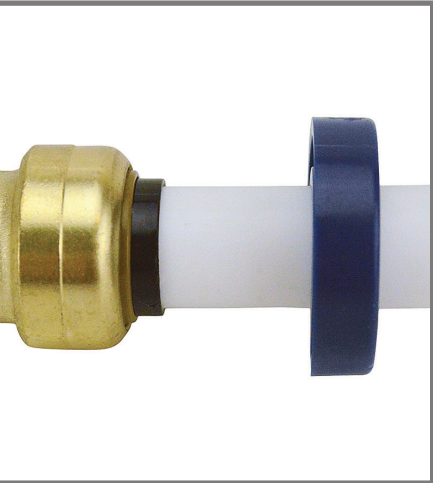
MANIFOLD ACCESSORIES

APXFF1212SDV	1/2 in. PEX Barb x 1/2 in. Female Pipe Thread Brass Swivel Ball Valve	5	70750 70310 2
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APXMBA	3/4 in. PEX x 1 in. NPSM Manabloc® Manifold Inlet Adapter	12	50003 46576 0
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APXNPSM	3/4 in. PEX x 1 in. NPSM Manifold Inlet Adapter	12	50003 46577 7
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Tectite by Mosack Group

PUSH-TO-CONNECT FITTINGS

Tectite by Mosack Group Push-To-Connect fittings are the fastest, cleanest and simplest way to join any combination of copper, CPVC, PE-RT and PEX pipe without the use of tools, solder, open flame or glue.

Simply insert the pipe to allow the high-strength stainless steel teeth to grip the pipe securely against the specially designed O-ring. Fitting removal and reuse is just as simple using a simple demount clip (sold separately). After assembly, fittings may be rotated for simpler installation in tight spaces.

All Tectite by Mosack Group fittings are approved for use in both potable water and hydronic heating piping systems.

FEATURES

- Constructed of lead free dezincification resistant (DZR) brass for superior reliability
- Push-to-connect joints require no heat, solder, solvents or tools
- Push-to-connect design allows for a simple and fast installation on any combination of copper, PEX, CPVC or PE-RT pipe
- Corrosion resistant for greater longevity
- Lifetime warranty on most fittings. Refer to Apollo Warranty on www.apolloflow.com for item specific information.

PERFORMANCE RATING

- Maximum Working Pressure: 200 psi
- Temperature Range: 32°-250° F
- Approved for behind-the-wall with no access and burial
- Ideal for potable water and hydronic heating applications

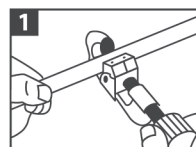
APPROVALS

- NSF/ANSI NSF 61/372/14
- ASSE 1061
- IAPMO cUPC® File Listings: 4951

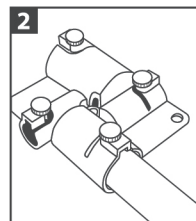
Instructions

Squarely cut the pipe to desired length. Mark the insertion depth using the depth gauge. Push pipe and twist into the fitting until the fitting edge meets the depth line.

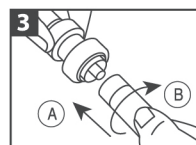
Fitting removal and reuse is just as simple using a demount clip. After assembly, fittings may be rotated for simpler installation in tight spaces.



Cut pipe.



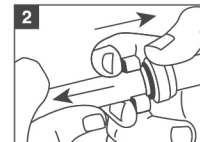
Mark insertion depth using the depth gauge (sold separately).



Push pipe (A) and twist (B) into fitting until fitting edge meets depth line.



Removal tool (sold separately).



Place tool around pipe next to fitting. Press tool toward fitting while pulling pipe from fitting.

Part Number	Description	Carton Qty	UPC
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COUPLINGS

FSBC14	1/4 in. Brass Push-To-Connect Coupling	12	6 70750 96457 2
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FSBC38	3/8 in. (1/2 in. O.D.) Brass Push-To-Connect Coupling	12	6 70750 96602 6
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FSBC1238	1/2 in. Brass Push-To-Connect x 3/8 in. Reducer Coupling	12	6 70750 96423 7
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FSBC12	1/2 in. Brass Push-To-Connect Coupling	24	6 70750 90382 3
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FSBC126JR	1/2 in. Brass Push-To-Connect Coupling (6-Pack Jar)	8	1 91988 00581 8
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FSBC3412	3/4 in. x 1/2 in. Brass Push-To-Connect Reducer Coupling	12	6 70750 96462 6
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FSBC34	3/4 in. Brass Push-To-Connect Coupling	24	6 70750 90384 7
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FSBC346JR	3/4 in. Brass Push-To-Connect Coupling (6-Pack Jar)	4	1 91988 00582 5
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FSBC134	1 in. Brass Push-To-Connect x 3/4 in. Push-To-Connect Reducer Coupling	6	6 70750 96432 9
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FSBC1	1 in. Brass Push-To-Connect Coupling	6	6 70750 96344 5
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SLIP COUPLINGS

FSBC12SL	1/2 in. Brass Push-To-Connect Slip Repair Coupling	6	6 70750 96946 1
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FSBC34SL	3/4 in. Brass Push-To-Connect Slip Repair Coupling	6	6 70750 96953 9
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FSBC1SL	1 in. Brass Push-To-Connect Slip Repair Coupling	3	6 70750 96948 5
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FSBC12SLEZ	1/2 in. Brass Push-To-Connect EZ-Slip Repair Coupling	6	1 91988 00396 8
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FSBC34SLEZ	3/4 in. Brass Push-To-Connect EZ-Slip Repair Coupling	6	1 91988 00397 5
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PUSH-TO-CONNECT PRODUCTS

Part Number	Description	Carton Qty	UPC
CONVERSION COUPLINGS			
 FSBIPSC12	1/2 in. IPS x 1/2 in. CTS Brass Push-To-Connect Conversion Coupling	6	 6 70750 96899 0
 FSBIPSC34	3/4 in. IPS x 3/4 in. CTS Brass Push-To-Connect Conversion Coupling	6	 6 70750 96900 3
 FSBIPSC1	1 in. IPS x 1 in. CTS Brass Push-To-Connect Conversion Coupling	3	 6 70750 96801 3
 FSBIPSC34SL	3/4 in. Brass Push-To-Connect PVC Slip Repair Coupling	6	 1 91988 00385 2
 FSBIPSC1SL	1 in. Brass Push-To-Connect PVC Slip Repair Coupling	6	 1 91988 00386 9
 FSBIPSTEM12	1/2 in. IPS Brass Push-To-Connect x 1/2 in. CTS Street Transition Adapter	6	 1 91988 00433 0
 FSBIPSTEM34	3/4 in. IPS Brass Push-To-Connect x 3/4 in. CTS Street Transition Adapter	6	 1 91988 00434 7
 FSBIPSTEM1	1 in. IPS Brass Push-To-Connect x 1 in. CTS Street Transition Adapter	6	 1 91988 00435 4
 FSBPBC12	1/2 in. Brass Push-To-Connect Polybutylene Conversion Coupling	12	 6 70750 96645 3
 FSBPBC34	3/4 in. Brass Push-To-Connect Polybutylene Conversion Coupling	6	 6 70750 96665 1
STREET SLIP ADAPTERS			
 FSBSLA12	1/2 in. Brass Push-To-Connect x CTS Street Slip Adapter	6	 1 91988 00495 8
 FSBSLA34	3/4 in. Brass Push-To-Connect x CTS Street Slip Adapter	6	 1 91988 00497 2
 FSBSLA1	1 in. Brass Push-To-Connect x CTS Street Slip Adapter	6	 1 91988 00496 5

Part Number	Description	Carton Qty	UPC
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90° ELBOWS

FSBE38	3/8 in. Brass Push-To-Connect 90° Elbow Fitting	6	6 70750 96696 5
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FSBE12	1/2 in. Brass Push-To-Connect 90° Elbow	24	6 70750 96692 7
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FSBE126JR	1/2 in. Brass Push-To-Connect 90° Elbow (6-Pack Jar)	8	1 91988 00585 6
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FSBE3412	3/4 in. x 1/2 in. Brass Push-To-Connect 90° Reducer Elbow	6	6 70750 96695 8
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FSBE34	3/4 in. Brass Push-To-Connect 90° Elbow	24	6 70750 96694 1
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FSBE346JR	3/4 in. Brass Push-To-Connect 90° Elbow (6-Pack Jar)	4	1 91988 00586 3
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FSBE1	1 in. Brass Push-To-Connect 90° Elbow	3	6 70750 96686 6
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FSBE12STR	1/2 in. Brass Push-To-Connect Street 90° Elbow	12	6 70750 81783 0
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FSBE34STR	3/4 in. Brass Push-To-Connect Street 90° Elbow	6	6 70750 81784 7
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FSBE12V	1/2 in. Brass Push-To-Connect 90° Elbow with Drain/Vent	6	6 70750 02962 2
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FSBE34V	3/4 in. Brass Push-To-Connect 90° Elbow with Drain/Vent	6	6 70750 02963 9
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45° ELBOWS

FSBE1245	1/2 in. Brass Push-To-Connect 45° Elbow	12	1 91988 00398 2
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FSBE3445	3/4 in. Brass Push-To-Connect 45° Elbow	12	1 91988 00399 9
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DROP EAR ELBOWS

FSBDEE12	1/2 in. Brass Push-To-Connect x Female Pipe Thread 90° Drop Ear Elbow	12	6 70750 96682 8
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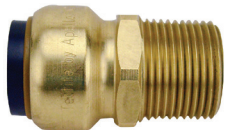
FSBDEE12P	1/2 in. Brass Push-To-Connect 90° Drop Ear Elbow	6	6 70750 07217 8
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FSBDEE34P	3/4 in. Brass Push-To-Connect 90° Drop Ear Elbow	12	1 91988 00389 0
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PUSH-TO-CONNECT PRODUCTS

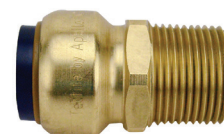


Part Number	Description	Carton Qty	UPC
FEMALE ELBOWS			
FSBDWE1434	1/4 in. (3/8 in. O.D.) Brass Push-To-Connect x 3/4 in. Garden Hose Thread 90° Dishwasher Elbow	6	6 70750 96685 9
FSBFE12	1/2 in. Brass Push-To-Connect x 1/2 in. Female Pipe Thread 90° Elbow	12	6 70750 96709 2
MALE ELBOWS			
FSBME1438	1/4 in. Brass Push-To-Connect x 3/8 in. Male Pipe Thread 90° Elbow	6	6 70750 96738 2
FSBME1238	1/2 in. Brass Push-To-Connect x 3/8 in. Male Pipe Thread 90° Elbow	6	6 70750 96717 7
FSBME12	1/2 in. Brass Push-To-Connect x 1/2 in. Male Pipe Thread 90° Elbow	6	6 70750 96715 3
FEMALE ADAPTERS			
FSBFA1412	1/4 in. (3/8 in. O.D.) Brass Push-To-Connect x 1/2 in. Female Pipe Thread Reducing Adapter	12	6 70750 96788 7
FSBFA3812	3/8 in. (1/2 in. O.D.) Brass Push-To-Connect x 1/2 in. Female Pipe Thread Reducing Adapter	12	6 70750 96795 5
FSBFA12	1/2 in. Brass Push-To-Connect x Female Pipe Thread Adapter	24	6 70750 96760 3
FSBFA126JR	1/2 in. Brass Push-To-Connect Female Pipe Thread Adapter (6-Pack Jar)	8 6 Pack JAR	1 91988 00587 0
FSBFA1234	1/2 in. Brass Push-To-Connect x 3/4 in. Female Pipe Thread Reducing Adapter	6	6 70750 96761 0
FSBFA34	3/4 in. Brass Push-To-Connect x Female Pipe Thread Adapter	12	6 70750 96793 1
FSBFA1	1 in. Brass Push-To-Connect x Female Pipe Thread Adapter	3	6 70750 96754 2
MALE ADAPTERS			
FSBMA1412	1/4 in. (3/8 in. O.D.) Brass Push-To-Connect x 1/2 in. Male Pipe Thread Reducing Adapter	6	6 70750 96928 7
FSBMA3812	3/8 in. (1/2 in. O.D.) Brass Push-To-Connect x 1/2 in. Male Pipe Thread Reducing Adapter	12	6 70750 96939 3
FSBMA12	1/2 in. Brass Push-To-Connect x Male Pipe Thread Adapter	24	6 70750 96922 5
FSBMA126JR	1/2 in. Brass Push-To-Connect x Male Pipe Thread Adapter (6-Pack Jar)	4 6 Pack JAR	1 91988 00588 7

Part Number	Description	Carton Qty	UPC
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MALE ADAPTERS *(continued)*

FSBMA1234	1/2 in. Brass Push-To-Connect x 3/4 in. Male Pipe Thread Reducing Adapter	6	6 70750 96925 6
FSBMA3412	3/4 in. Brass Push-To-Connect x 1/2 in. Male Pipe Thread Reducer Reducing Adapter	6	6 70750 96936 2
FSBMA34	3/4 in. Brass Push-To-Connect x Male Pipe Thread Adapter	24	6 70750 96931 7
FSBMA134	1 in. Brass Push-To-Connect x 3/4 in. Male Pipe Thread Reducing Adapter	3	6 70750 96926 3
FSBMA1	1 in. Brass Push-To-Connect x Male Pipe Thread Adapter	3	6 70750 96919 5

**MALE CONVERSION ADAPTERS**

FSBIP SMA12	1/2 in. IPS Push-To-Connect x 1/2 in. CTS Brass Male Pipe Thread Adapter	6	6 70750 96907 2
FSBIP SMA34	3/4 in. Brass Push-To-Connect PVC IPS x 3/4 in. Male Pipe Thread Adapter	6	6 70750 96908 9

**TEES**

FSBT14	1/4 in. Brass Push-To-Connect Tee Fitting	6	6 70750 98345 0
FSBT38	3/8 in. Brass Push-To-Connect Tee Fitting	6	6 70750 98354 2
FSBT121238	1/2 in. x 1/2 in. x 3/8 in. Brass Push-To-Connect Reducer Tee	12	6 70750 98342 9
FSBT12	1/2 in. Brass Push-To-Connect Tee	24	6 70750 98340 5
FSBT126JR	1/2 in. Brass Push-To-Connect Tee (6-Pack Jar)	4	1 91988 00589 4
FSBT341212	3/4 in. x 1/2 in. x 1/2 in. Brass Push-To-Connect Reducer Tee	6	6 70750 98351 1
FSBT341234	3/4 in. x 1/2 in. x 3/4 in. Brass Push-To-Connect Reducer Tee	6	6 70750 98352 8
FSBT343412	3/4 in. x 3/4 in. x 1/2 in. Brass Push-To-Connect Reducer Tee	12	6 70750 98353 5
FSBT34	3/4 in. Brass Push-To-Connect Tee	12	6 70750 98350 4



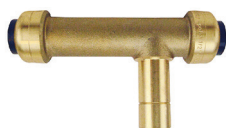
PUSH-TO-CONNECT PRODUCTS



Part Number	Description	Carton Qty	UPC
TEES <i>(continued)</i>			

FSBT1134	1 in. x 1 in. x 3/4 in. Brass Push-To-Connect Reducer Tee	3	6 70750 98339 9
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FSBT1	1 in. Brass Push-To-Connect Tee	3	6 70750 98338 2
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SLIP TEES			
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FSBT12SLCTS	1/2 in. Brass Push-To-Connect x Push-To-Connect x Copper Tube Size Adapter Slip Tee	6	6 70750 96958 4
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FSBT1212IPS12	1/2 in. CTS x 1/2 in. CTS x 1/2 in. IPS Brass Push-To-Connect Slip Tee	6	1 91988 00379 1
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FSBT3434IPS34	3/4 in. CTS x 3/4 in. CTS x 3/4 in. IPS Brass Push-To-Connect Slip Tee	6	1 91988 00381 4
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FSBT11IPS1	1 in. CTS x 1 in. CTS x 1 in. IPS Brass Push-To-Connect Slip Tee	6	1 91988 00383 8
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FSBT1212CTS12	1/2 in. IPS x 1/2 in. IPS x 1/2 in. CTS Brass Push-To-Connect Slip Tee	6	1 91988 00380 7
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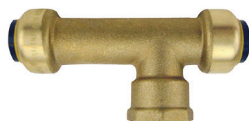
FSBT3434CTS34	3/4 in. IPS x 3/4 in. IPS x 3/4 in. CTS Brass Push-To-Connect Slip Tee	6	1 91988 00382 1
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FSBT11CTS1	1 in. IPS x 1 in. IPS x 1 in. CTS Brass Push-To-Connect Slip Tee	6	1 91988 00384 5
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FSBT12SL	1/2 in. Brass Push-To-Connect Slip Tee Fitting	6	6 70750 96954 6
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FSBT34SL	3/4 in. Brass Push-To-Connect Slip Tee Fitting	6	6 70750 96967 6
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FSBT12SLF	1/2 in. Brass Push-To-Connect x Push-To-Connect x Female Pipe Thread Slip Tee Fitting	6	6 70750 96961 4
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FSBT34SLF	3/4 in. Brass Push-To-Connect x Push-To-Connect x Female Pipe Thread Slip Tee Fitting	6	6 70750 96968 3
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STREET TEES			
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FSBT12STR	1/2 in. Brass Push-To-Connect x 1/2 in. Brass Push-To-Connect x 1/2 in. CTS Street Outlet Tee	12	6 70750 81830 1
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FSBT34STR	3/4 in. Brass Push-To-Connect x 3/4 in. Brass Push-To-Connect x 3/4 in. CTS Street Outlet Tee	6	6 70750 81841 7
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Part Number	Description	Carton Qty	UPC
FEMALE TEES			
FSBT34F	3/4 in. Push-To-Connect x Push-To-Connect x Female Pipe Thread Tee	6	6 70750 07368 7
FSBTANKTEE	3/4 in. Push-To-Connect x Female Pipe Thread x Female Pipe Thread Expansion Tank Tee	5	6 70750 08172 9
CAPS			
FSBCAP38	3/8 in. Brass Push-To-Connect Cap	12	6 70750 96184 7
FSBCAP12	1/2 in. Brass Push-To-Connect Cap	24	6 70750 96101 4
FSBCAP126JR	1/2 in. Brass Push-To-Connect Cap (6-Pack Jar)	8	1 91988 00583 2
FSBCAP12WD	1/2 in. Brass Push-To-Connect Cap with Drain	12	6 70750 07341 0
FSBCAP34	3/4 in. Brass Push-To-Connect Cap	12	6 70750 96123 6
FSBCAP346JR	3/4 in. Brass Push-To-Connect Cap (6-Pack Jar)	4	1 91988 00584 9
FSBCAP34WD	3/4 in. Brass Push-To-Connect Cap with Drain	12	6 70750 07367 0
FSBCAP1	1 in. Brass Push-To-Connect Cap	3	6 70750 96067 3
VALVES			
FSBBV12	1/2 in. Brass Push-To-Connect Ball Valve	12	6 70750 95962 2
FSBBV34	3/4 in. Brass Push-To-Connect Ball Valve	12	6 70750 95976 9
FSBBV1	1 in. Brass Push-To-Connect Ball Valve	6	6 70750 95952 3
FSBBV12DE	1/2 in. Brass Push Ball Valve with Flange and Drain	12	6 70750 95963 9
FSBBV34DE	3/4 in. Brass Push Ball Valve with Flange and Drain	6	6 70750 95977 6
FSBBV12F	1/2 in. Brass Push-To-Connect x 1/2 in. FNPT Female Ball Valve	6	6 70750 95965 3
FSBBV34F	3/4 in. Brass Push-To-Connect x 3/4 in. FNPT Female Ball Valve	6	6 70750 95984 4



PUSH-TO-CONNECT PRODUCTS



Part Number

Description

Carton Qty

UPC

VALVES (continued)

FSBBV12SL

1/2 in. Brass Push-To-Connect Slip Ball Valve

6



FSBBV34SL

3/4 in. Brass Push-To-Connect Slip Ball Valve

6



FSBBV12TX

1/2 in. Brass Push-To-Connect Compact Ball Valve with Lockable Handle

12



FSBBV34TX

3/4 in. Brass Push-To-Connect Compact Ball Valve with Lockable Handle

12



FSBBV1TX

1 in. Brass Push-To-Connect Compact Ball Valve with Lockable Handle

6



FSBBV312

1/2 in. Brass Push-To-Connect 3-Way Ball Valve

6



FSBBV334

3/4 in. Brass Push-To-Connect 3-Way Ball Valve

6



FSBSV12WD

1/2 in. Brass Push-To-Connect Stop Valve with Drain

12



FSBSV34WD

3/4 in. Brass Push-To-Connect Stop Valve with Drain

12



FSBVA1214

1/2 in. Push-To-Connect x 1/4 in. Push-To-Connect Chrome-Plated Brass Quarter-Turn Angle Stop Valve

6



FSBVA1214C

1/2 in. Push-To-Connect x 1/4 in. O.D. Compression Chrome-Plated Brass Quarter-Turn Angle Stop Valve

6



FSBVA1238C

1/2 in. Push-To-Connect x 3/8 in. O.D. Compression Quarter-Turn Chrome-Plated Brass Angle Stop Valve

12



FSBVA1238C6JR

1/2 in. Push x 3/8 in. O.D. Compression Quarter-Turn Chrome-Plated Brass Angle Stop Valve (6-Pack Jar)

6 Pack JAR

2



FSBVA1212M

1/2 in. Push-To-Connect x 1/2 in. MIP Chrome-Plated Brass Quarter-Turn Angle Stop Valve

6



FSBVS1214

1/2 in. Push-To-Connect x 1/4 in. Push-To-Connect Chrome-Plated Brass Qtr-Turn Straight Stop Valve

6



FSBVS1214C

1/2 in. Push-To-Connect x 1/4 in. O.D. Compression Chrome-Plated Brass Qtr-Turn Straight Stop Valve

6



FSBVS1238C

1/2 in. Push-To-Connect x 3/8 in. O.D. Compression Chrome-Plated Brass Qtr-Turn Straight Stop Valve

12



FSBVS1238C6JR

1/2 in. Push x 3/8 in. O.D. Compression Quarter-Turn Chrome-Plated Brass Straight Stop Valve (6-Pack Jar)

6 Pack JAR

2



Part Number	Description	Carton Qty	UPC
VALVES <i>(continued)</i>			
FSBVS1212M	1/2 in. Chrome Plated Brass Push x 1/2 in. MNPT Quarter Turn Straight Stop Valve	6	6 70750 96986 7
FSBVT121214C	1/2 in. Push x 1/2 in. Push x 1/4 in. O.D. Compression Chrome-Plated Brass Compression Stop Tee Valve	6	6 70750 98326 9
FSBVT121238C	1/2 in. Push x 1/2 in. Push x 3/8 in. O.D. Compression Chrome-Plated Brass Stop Tee Valve	6	6 70750 98331 3
FSBVT343414C	3/4 in. Push x 3/4 in. Push x 1/4 in. Compression Chrome-Plated Brass Service Stop Tee	6	6 70750 98337 5
FSBCV12	1/2 in. Brass Push-To-Connect Check Valve	12	6 70750 96301 8
FSBCV34	3/4 in. Brass Push-To-Connect Check Valve	12	6 70750 96307 0
FSBDV01238C	1/2 in. Brass Push-To-Connect x 3/8 in. O.D. Compression Dual Opposed Outlet Dual Shut-Off Quarter-Turn Stop Valve	12	1 91988 00387 6
FSBDVS1238C	1/2 in. Brass Push-To-Connect x 3/8 in. O.D. Compression Dual Inline Outlet Dual Shut-Off Quarter-Turn Stop Valve	12	1 91988 00388 3
FSBGV1234	1/2 in. Brass Push-To-Connect x 3/4 in. Garden Hose Thread Quarter-Turn Garden Valve with Drop Ear	12	1 91988 00394 4
FSBGV3434	3/4 in. Brass Push-To-Connect x 3/4 in. Garden Hose Thread Quarter-Turn Garden Valve with Drop Ear	12	1 91988 00395 1
FSBSCV1234	1/2 in. Brass Quarter Turn Push-To-Connect x 3/4 in. Garden Hose Thread No Kink Hose Bibb	12	1 91988 00390 6
FSBSCV3434	3/4 in. Brass Quarter Turn Push-To-Connect x 3/4 in. Garden Hose Thread No Kink Hose Bibb	12	1 91988 00391 3
FSBWMAV	1/2 in. Brass Push-To-Connect x 3/4 in. Male Hose Thread 90° Washing Machine Ball Valve	6	6 70750 07219 2
FSBWMSV	1/2 in. Brass Push-To-Connect x 3/4 in. Male Hose Thread Straight Washing Machine Ball Valve	6	6 70750 07240 6
FSBPRV34WG	3/4 in. Pressure Regulator with Gauge	3	1 91988 00502 3
FSBFP12	1/2 in. Push-To-Connect x 3/4 in. MHT Chrome Plated Brass Telescoping Anti-Siphon Frost Free Sillcock	6	1 91988 00500 9



PUSH

PUSH-TO-CONNECT PRODUCTS

	Part Number	Description	Carton Qty	UPC
CONNECTORS				
	FSBBS12P18	1/2 in. Push-To-Connect x 1/2 in. Push-To-Connect x 18 in. Braided Stainless Steel Repair Hose	12	6 70750 96016 1
	FSBBS34P18	3/4 in. Push-To-Connect x 3/4 in. FPT x 18 in. Braided Stainless Steel Water Heater Connector	12	6 70750 96054 3
	FSBBS34F12	3/4 in. Push-To-Connect x 3/4 in. FPT x 12 in. Braided Stainless Steel Water Heater Connector	12	6 70750 96019 2
	FSBBS34F15	3/4 in. Push-To-Connect x 3/4 in. FPT x 15 in. Braided Stainless Steel Water Heater Connector	12	6 70750 96031 4
	FSBBS34F18	3/4 in. Push-To-Connect x 3/4 in. FPT x 18 in. Braided Stainless Steel Water Heater Connector	12	6 70750 96032 1
	FSBBS34F24	3/4 in. Push-To-Connect x 3/4 in. FPT x 24 in. Braided Stainless Steel Water Heater Connector	12	6 70750 96038 3
	FSBBS34F18BV	3/4 in. Push-To-Connect x 3/4 in. FPT x 18 in. Braided Stainless Steel Water Heater Connector w/ Ball Valve	12	6 70750 96035 2
	FSBBS34P1F24	3/4 in. Push-To-Connect x 1 in. FPT x 24 in. Braided Stainless Steel Water Softener Connector	6	6 70750 96055 0
	FSBCSST34F18	3/4 in. Push-To-Connect x 3/4 in. FPT x 18 in. Corrugated Stainless Steel Water Heater Connector	12	6 70750 96680 4
	FSBCSST34F24	3/4 in. Push-To-Connect x 3/4 in. FPT x 24 in. Corrugated Stainless Steel Water Heater Connector	12	6 70750 96681 1
ACCESSORIES				
	FSBWHKIT	3/4 in. x 3/4 in. FIP Water Heater Connection Kit	3	6 70750 99604 7
	FSBTANKKIT	Water Heater Installation Kit with Tank Tee	3	1 91988 00504 7
	FSBSHOWKIT	1/2 in. Brass Push-To-Connect Shower/Tub Installation Kit	3	1 91988 00503 0
	FSBSTUB8	1/2 in. Copper 90° Push-To-Connect x 8 in. Stub-Out Elbow	6	6 70750 95949 3
	FSBFAU14	1/4 in. (3/8 in.) x 1/4 in. Comp. Stop Valve Connector	6	6 70750 96743 6
	FSBFAU1438	1/4 in. CTS x 3/8 in. OD Faucet Connector	6	6 70750 96747 4
	FSBFAU1412	1/4 in. (3/8 in. O.D.) Chrome Plated Brass Push-To-Connect x 1/2 in. Faucet Connector	6	6 70750 96744 3

Part Number

Description

Carton Qty

UPC

ACCESSORIES *(continued)*

FSBTA141438C 1/4 in. Chrome-Plated Brass Push-To-Connect x
1/4 in. Push-To-Connect x 3/8 in. O.D. Compression
Stop Valve Tee

6



FSBFAU1478

1/4 in. (3/8 in. O.D.) Chrome Plated Brass
Push-To-Connect x 7/8 in. Female Ballcock
Toilet Straight Connector

6



FSBTANKTEE

3/4 in. Push-To-Connect x FPT x FPT
Water Heater Expansion Tank Tee

5



FSBBOXIM

1/2 in. Ice Maker Outlet Box

2



FSBBOXIMWH

1/2 in. Ice Maker Outlet Box with
Water Hammer Arrestor

2



FSBBOXWM

1/2 in. Brass Washing Machine Outlet Box

3



FSBBOXWMWH

1/2 in. Brass Washing Machine Outlet Box with
Water Hammer Arrestors

3



MANIFOLDS

FSBM2PTC

3/4 in. Brass Push-To-Connect Inlet x 1/2 in. Brass
Push-To-Connect Outlets 2-Port Closed Manifold

6



FSBM2PTO

3/4 in. Brass Push-To-Connect Inlet x 1/2 in. Brass
Push-To-Connect Outlets 2-Port Open Manifold

6



FSBM3PTOV2

3/4 in. Brass Push-To-Connect Inlets with 3-Port
Open Manifold 1/2 in. Push-To-Connect Outlets

6



FSBM3PTO

3/4 in. Brass Push-To-Connect Inlet x 3/4 in. CTS
Stem 3-Port Open Manifold with 1/2 in. Brass
Push-To-Connect Outlets

6



PUSH

PUSH-TO-CONNECT PRODUCTS



Part Number	Description	Carton Qty	UPC
TOOLS			
69PFRT	1/2 in. to 1 in. Push-To-Connect Fitting Removal Tool	3	6 70750 76215 4
FSBDC14	1/4 in. Demount Clip	12	6 70750 95748 2
FSBDC38	3/8 in. Demount Clip	12	6 70750 95768 0
FSBDC12	1/2 in. Demount Clip	48	6 70750 95738 3
FSBDC34	3/4 in. Demount Clip	48	6 70750 95749 9
FSBDC1	1 in. Demount Clip	24	6 70750 95737 6
FSBIPSDC3PK	1/2 in., 3/4 in. and 1 in. PVC IPS Demount Clip (3-Pack)	12	6 70750 96901 0
FSBDT12	1/2 in. Push Fitting Disconnect Tong	6	6 70750 07416 5
FSBDT34	3/4 in. Push Fitting Disconnect Tong	6	6 70750 07423 3
FSBDG	3/8 in. - 1 in. Depth Gauge and Chamfering Tool	6	6 70750 95803 8

Push-To-Connect

ELECTRICAL FITTINGS

Tectite Electrical is an industry-first range of UL-approved Push-To-Connect fittings for non-metallic flexible conduit. Installation is easy - simply push the fitting onto non-metallic flexible conduit. The result is a functionally superior and water-tight seal. It's non-metallic and this provides extra safety through assured grounding and the smooth interior walls make pulling wire easy, even around tight corners. The installation of type B non-metallic conduit to weatherproof outlet boxes, pool/spa equipment, central air conditioning units, and various other electrical enclosures or hubs just got tremendously easier with Tectite Electrical. Tectite Electrical fittings are available in 1/2 in., 3/4 in., and 1 in. sizes in male adapter and male elbow configurations.

Features:

- Fast, clean and simple installation using push to connect technology
- Includes nut and integrated EPDM seal
- Requires no solvents or tools for installation or removal
- Approved for direct burial
- Removable and reusable
- Corrosion-proof for longevity

Specifications & Approvals:

- CSA
- UL

Installation Instructions:

Squarely cut the conduit to desired length. Mark the insertion depth using the depth gauge on the packaging. Insert conduit and twist into the fitting until the fitting edge meets the depth line. After assembly, fittings may be rotated for simpler installation in tight spaces.



PUSH

TECTITE
ELECTRICAL by TMC

Part Number

Description

Carton Qty

UPC

MALE ADAPTERS

ELMA12 1/2 in. Non-Metallic Water Tight Push-To-Connect
Straight Connector

15



ELMA126JR 1/2 in. Non-Metallic Water Tight Push-To-Connect
Straight Connector (6-Pack Jar)

8



ELMA34 3/4 in. Non-Metallic Water Tight Push-To-Connect
Straight Connector

10



ELMA1 1 in. Non-Metallic Water Tight Push-To-Connect
Straight Connector

10



MALE ELBOWS

ELME12 1/2 in. Non-Metallic Water Tight Push-To-Connect
Elbow Connector

12



ELME126JR 1/2 in. Non-Metallic Water Tight Push-To-Connect
Elbow Connector (6-Pack Jar)

4



ELME34 3/4 in. Non-Metallic Water Tight Push-To-Connect
Elbow Connector

10



ELME1 1 in. Non-Metallic Water Tight Push-To-Connect
Elbow Connector

10





COPPER

PRESS FITTINGS

Copper Press Fittings are NSF listed, lead free and feature an EPDM O-ring to ensure a clean, leak-free seal. Utilizing a hydraulic press tool, a watertight seal can be made in seconds without flame, solder, or flux. Each press fitting comes standard with leak-before-press technology to easily identify a fitting that has not been pressed. Connection can be made in wet conditions reducing project downtime. These fittings are available in sizes from 1/2 in. to 1 in. and are compatible with all major hydraulic press tools.

Features:

- Leak-Before-Press Technology.
- No solder necessary for installation.
- Flameless press technology eliminates need for burn permits.
- Dezincification resistant.
- Suitable for underground installation.

Specifications:

- Operating pressure: 300 psi CWP
- Temperature range: 32°F - 250°F

Approvals:

- NSF
- IAPMO

Installation:

Cut type K, L, or M hard copper tube squarely using a rotary tube cutter. Remove burrs to ensure tube end is smooth and clean to avoid damaging the O-ring. Identify the depth, using the Depth Chart, and measure the tube from the end, marking it clearly on the exterior of the tube. This ensures a proper seal of fittings and tube. While turning the tube slightly, slide the press fitting to the marked depth. Press the joint.

Press Tubing Insertion Depth			
Nominal Tubing Size	1/2 in.	3/4 in.	1 in.
Insertion Depth (in.)	3/4 in.	7/8 in.	7/8 in.



Part Number	Description	Carton Qty	UPC
COUPLINGS WITH STOPS			
XPRC12	1/2 in. 1/2 in. Copper Press x Press Coupling with Dimple Stop	20	8 10053 46004 7
XPRC1250JR	1/2 in. x 1/2 in. Copper Press x Press Coupling with Dimple Stop (50-Pack Jar)	2	8 10053 46035 1
XPRC3412	3/4 in. x 1/2 in. Copper Press x Press Reducing Coupling	10	8 10053 46020 7
XPRC34	3/4 in. x 3/4 in. Copper Press x Press Coupling with Dimple Stop	10	8 10053 46018 4
XPRC3420JR	3/4 in. x 3/4 in. Copper Press x Press Coupling with Dimple Stop (20-Pack Jar)	2	8 10053 46038 2
XPRC134	1 in. x 3/4 in. Copper Press x Press Reducing Coupling	10	8 10053 46025 2
XPRC1	1 in. x 1 in. Copper Press x Press Coupling with Dimple Stop	10	8 10053 46029 0

Part Number	Description	Carton Qty	UPC
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COUPLINGS WITHOUT STOPS

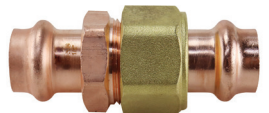
XPRC12NS	1/2 in. Copper Press x Press Repair Coupling w/ No Stop	20	8 10053 46003 0
XPRC34NS	3/4 in. Copper Press x Press Repair Coupling w/ No Stop	10	8 10053 46017 7
XPRC1NS	1 in. Copper Press x Press Repair Coupling w/ No Stop	10	8 10053 46028 3

**ELBOWS**

XPRDEE12	1/2 in. x 1/2 in. Copper 90° Press x Brass FPT Drop Ear Elbow	20	8 10053 46010 8
XPRE12	1/2 in. Copper 90° Press x Press Elbow	20	8 10053 46008 5
XPRE1230JR	1/2 in. Copper 90° Press x Press Elbow (30-Pack Jar)	20 30 Pack JAR	8 10053 46036 8
XPRE12S	1/2 in. Copper 90° Press Street Elbow	20	8 10175 77193 9
XPRE34	3/4 in. Copper 90° Press x Press Elbow	10	8 10053 46023 8
XPRE3415JR	3/4 in. Copper 90° Press x Press Elbow (15-Pack Jar)	20 15 Pack JAR	8 10053 46037 5
XPRE34S	3/4 in. Copper 90° Press Street Elbow	10	8 10175 77195 3
XPRE1	1 in. Copper 90° Press x Press Elbow	10	8 10053 46033 7
XPRE1S	1 in. Copper 90° Press Street Elbow	10	8 10175 77197 7
XPRE1245	1/2 in. Copper 45° Press x Press Elbow	20	8 10053 46009 2
XPRE1245S	1/2 in. Copper 45° Press Street Elbow	20	8 10175 77194 6
XPRE3445	3/4 in. Copper 45° Press x Press Elbow	10	8 10053 46024 5
XPRE3445S	3/4 in. Copper 45° Press Street Elbow	10	8 10175 77196 0
XPRE145	1 in. Copper 45° Press x Press Elbow	10	8 10053 46034 4
XPRE145S	1 in. Copper 45° Press Street Elbow	10	8 10175 77198 4

**UNIONS**

XPRU12	1/2 in. x 1/2 in. Copper Press x Press Union	20	8 10053 46002 3
XPRU34	3/4 in. x 3/4 in. Copper Press x Press Union	10	8 10053 46016 0





Part Number

Description

Carton Qty

UPC

FEMALE ADAPTERS

XPRFA12

1/2 in. x 1/2 in. Copper Press x FPT Adapter

20



XPRFA1234

1/2 in. x 3/4 in. Copper Press x FPT Adapter

20



XPRFA34

3/4 in. x 3/4 in. Copper Press x FPT Adapter

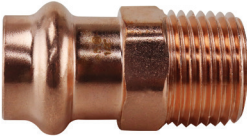
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XPRFA1

1 in. x 1 in. Copper Press x FPT Adapter

10



MALE ADAPTERS

XPRMA12

1/2 in. x 1/2 in. Copper Press x MPT Adapter

20



XPRMA34

3/4 in. x 3/4 in. Copper Press x MPT Adapter

10



XPRMA3412

3/4 in. x 1/2 in. Copper Press x MPT Adapter

10



XPRMA1

1 in. x 1 in. Copper Press x MPT Adapter

10



TEES

XPRT12

1/2 in. Copper Press Tee

20



XPRT34

3/4 in. Copper Press Tee

10



XPRT341212

3/4 in. x 1/2 in. x 1/2 in. Copper Press Reducing Tee

10



XPRT341234

3/4 in. x 1/2 in. x 3/4 in. Copper Press Reducing Tee

10



XPRT343412

3/4 in. x 3/4 in. x 1/2 in. Copper Press Reducing Tee

10



XPRT1134

1 in. x 1 in. x 3/4 in. Copper Press Reducing Tee

10



XPRT1

1 in. Copper Press Tee

10



CAPS

XPRCAP12

1/2 in. Copper Press Tube Cap

20



XPRCAP34

3/4 in. Copper Press Tube Cap

10



XPRCAP1

1 in. Copper Press Tube Cap

10



Part Number	Description	Carton Qty	UPC
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PEX-A ADAPTERS

EPXPR1212	1/2 in. Brass PEX-A Barb x 1/2 in. Press Adapter	10	8 50003 46573 9
EPXPR3434	3/4 in. Brass PEX-A Barb x 3/4 in. Press Adapter	10	8 50003 46574 6
EPXPR11	1 in. Brass PEX-A Barb x 1 in. Press Adapter	10	8 50003 46575 3

**PEX-B ADAPTERS**

APXPR1212	1/2 in. Brass PEX Barb x Press Adapter	12	8 50003 46570 8
APXPR3434	3/4 in. Brass PEX Barb x Press Adapter	12	8 50003 46571 5
APXPR11	1 in. Brass PEX Barb x Press Adapter	12	8 50003 46572 2

**PEX-B BALL VALVES**

94VLF10301TMG	1/2 in. Press Brass Ball Valve	15	8 10053 46380 2
94VLF10401TMG	3/4 in. Press Brass Ball Valve	10	8 10053 46381 9
94VLF10501TMG	1 in. Press Brass Ball Valve	6	8 10053 46382 6
94VLF10601TMG	1 1/4 in. Press Brass Ball Valve	5	8 10053 46383 3
94VLF10701TMG	1 1/2 in. Press Brass Ball Valve	4	8 10053 46384 0
94VLF10801TMG	2 in. Press Brass Ball Valve	2	8 10053 46385 7
94VLF10901TMG	2 1/2 in. Press Brass Ball Valve	2	8 10053 46386 8

**PRESS TOOL**

XPRTOOL	Multi-Head Copper Press Tool Kit 1/2 in. - 1 in.	2	8 10053 46938 5
XPRTOOLJAWS	Copper Press Tool Jaws 1/2 in., 3/4 in., and 1 in.	10	8 10053 46938 5





VALVES

The **94ALF Lead Free Forged Brass Ball Valve** combines reliable operation with maximum economy. The 94ALF-A is ideal for gas, fuels, fire protection and general plumbing and HVAC applications including potable water.

The **Lead Free Pressure Reducing Valve** is designed to conserve water and protect water distribution systems by automatically reducing elevated supply pressures. The dezincification resistant bronze body, stainless steel adjusting screw and dielectric polymer cage provide maximum corrosion resistance. Designed for easy in-line servicing with simple cartridge removal.

**LEAD FREE: The wetted surfaces of this product shall contain no more than 0.25% lead by weighted average. Complies with Federal Public Law 111-380. ANSI 3rd party approved and listed.*

94ALF Approvals

- MSS SP-110 - Ball Valves
- NSF/ANSI 61 Water Quality
- NSF/ANSI 372 Lead Free
- IAPMO IGC 157 (cUPC)

CSA LISTED

(File # 226234) per the following standards:

- ANSI Z21.15 (1/2 psi) (CSA 9.1) (1/4" - 2")
- ASME B16.44 (5 psi) (CR91-002) (1/4" - 2")
- ASME B16.33 (125 psi) (CGA 3.16) (1/4" - 2")

UL LISTED

- Guides YQNZ, YRBX, YRPV, YSDT and MHKZ (1/4" - 4" NPT only)
- UL 258 - VQGU Fire Protection Trim & Drain 175psi max (1/4" - 2")

FM LISTED

- FM 1140 Fire Protection Quick Opening Valves

Performance Rating

- 600 CWP - 1/4" to 2"
- 400 CWP - 2-1/2" to 4"
- Temperature Range: 0°F to 400°F

Part Number	Description	Carton Qty	UPC
94ALF THREADED			
94ALF10101TMG	1/4 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	20	8 10053 46776 3
94ALF10201TMG	3/8 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	20	8 10053 46777 0
94ALF10301TMG	1/2 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	50	8 10053 46341 3
94ALF10401TMG	3/4 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	30	8 10053 46342 0
94ALF10501TMG	1 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	20	8 10053 46343 7
94ALF10601TMG	1-1/4 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	12	8 10053 46344 4
94ALF10701TMG	1-1/2 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	9	8 10053 46345 1
94ALF10801TMG	2 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	6	8 10053 46346 8
94ALF SOLDER			
94ALF20301TMG	1/2 in. Lead Free Brass SWT x SWT Ball Valve	50	8 10053 46350 5
94ALF20401TMG	3/4 in. Lead Free Brass SWT x SWT Ball Valve	30	8 10053 46351 2
94ALF20501TMG	1 in. Lead Free Brass SWT x SWT Ball Valve	20	8 10053 46352 9
94ALF20601TMG	1-1/4 in. Lead Free Brass SWT x SWT Ball Valve	12	8 10053 46353 6
94ALF20701TMG	1-1/2 in. Lead Free Brass SWT x SWT Ball Valve	9	8 10053 46354 3
94ALF20801TMG	2 in. Lead Free Brass SWT x SWT Ball Valve	6	8 10053 46355 0





Part Number	Description	Carton Qty	UPC
94ELF THREADED			
94ELF10301	Forged Brass Ball Valve 1/2 in. x 1/2 in. Female Pipe Thread	10	8 10053 46152 5
94ELF10401	Forged Brass Ball Valve 3/4 in. x 3/4 in. Female Pipe Thread	10	8 10053 46151 8
94ELF SOLDER			
94ELF20301	Forged Brass Ball Valve 1/2 in. x 1/2 in. Solder	10	8 10053 46150 1
94ELF20401	Forged Brass Ball Valve 3/4 in. x 3/4 in. Solder	10	8 10053 46153 2
96F STAINLESS STEEL THREADED			
96F10327TMG	1/2 in. Stainless Steel FNPT x FNPT Full-Port Ball Valve with Latch Lock Lever	10	8 10053 46886 9
96F10427TMG	3/4 in. Stainless Steel FNPT x FNPT Full-Port Ball Valve with Latch Lock Lever	10	8 10053 46887 6
96F10527TMG	1 in. Stainless Steel FNPT x FNPT Full-Port Ball Valve with Latch Lock Lever	4	8 10053 46783 1
96F10627TMG	1 1/4 in. Stainless Steel FNPT x FNPT Full-Port Ball Valve with Latch Lock Lever	4	8 10053 46784 8
96F10727TMG	1 1/2 in. Stainless Steel FNPT x FNPT Full-Port Ball Valve with Latch Lock Lever	2	8 10053 46785 5
96F10827TMG	2 in. Stainless Steel FNPT x FNPT Full-Port Ball Valve with Latch Lock Lever	2	8 10053 46786 2

Part Number	Description	Carton Qty	UPC
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PRESSURE REDUCING VALVES

69ELF114T	3/4 in. x 3/4 in. Lead Free Bronze FNPT Single Union Pressure Reducing Valve	3	8976532 8 50003 46564 7
69ELF114TWG	3/4 in. x 3/4 in. Lead Free Bronze FNPT Single Union Pressure Reducing Valve w/Gauge	3	1 91988 02407 9
APXPRV34WG	3/4 in. x 3/4 in. Lead Free Bronze PEX-B Barb Double Union Pressure Reducing Valve w/Gauge	3	1 91988 00565 8
EPXPRV34WG	3/4 in. x 3/4 in. Lead Free Bronze PEX-A Barb Double Union Pressure Reducing Valve w/Gauge	3	1 91988 01978 5
FSBPRV34WG	3/4 in. x 3/4 in. Lead Free Bronze Push-To-Connect Double Union Pressure Reducing Valve w/Gauge	3	1 91988 00502 3



92S STAINLESS STEEL HOSE BIBBS

92S10301	Stainless Steel Hose Bibb 1/2 in. MPT x 3/4 in. Male Garden Hose Thread	10	8 10053 46154 9
92S10401	Stainless Steel Hose Bibb 3/4 in. MPT x 3/4 in. Male Garden Hose Thread	10	8 10053 46155 6



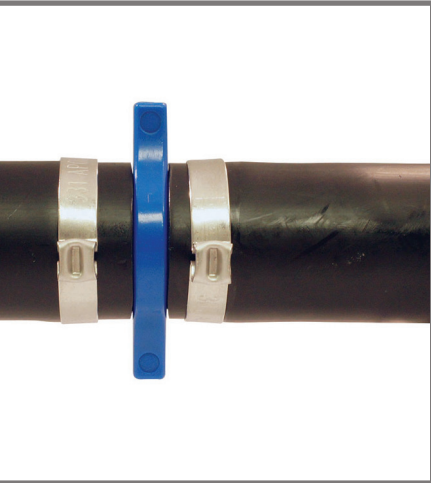
TELESCOPING FROST-PROOF HYDRANT

FPHMS12	1/2 in. Threaded/Solder x 3/4 in. MHT Chrome Plated Brass Telescoping Anti-Siphon Frost Free Sillcock	6	8 50003 46565 4
APXFPH12	1/2 in. Brass PEX-B Barb x 3/4 in. MHT Chrome Plated Brass Telescoping Anti-Siphon Frost Free Sillcock	6	1 91988 00563 4
FSBFPH12	1/2 in. Push-To-Connect x 3/4 in. MHT Chrome Plated Brass Telescoping Anti-Siphon Frost Free Sillcock	6	1 91988 00500 9



FPHPLT	Universal 1-3/8 in. Hose Bibb Steel Mounting Plate	12	8 50003 46598 2
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Irrigation Fittings

BLUE INSERTS

The self-threading Double Helix® design of these blue irrigation insert fittings provides effortless insertion into Polyethylene (PE) pipe. No longer is there a need to hammer or walk them into the pipe. Just turn the fitting clockwise into the pipe and let the Double Helix® pull the pipe onto the fitting.

Once the pipe has covered all of the barbs you are assured a connection that does not leak and will withstand the water pressure of your installation. For a more secure installation, please fasten fittings to pipe with poly pipe pinch clamps.

FEATURES

- Easy installation without tools.
- 100% corrosion resistant.
- Suitable for underground applications.
- No restriction on number of connections.

SPECIFICATIONS

- 160 psi @ 73° F
- Made from Polyphenylsulfone (PPSU) plastic.
- For use with Polyethylene (PE) pipe.
- For use with cold water applications only.

APPROVALS

- ASTM D-2609
- NSF 61 for potable water
- ANSI/NSF 14 & 7

Irrigation Fittings

BRASS INSERTS

Brass Insert Fittings are most commonly used in irrigation systems. They are also used for cold water sprinkler and pump installation applications. They feature 100 psi maximum working pressure. Please secure fittings to pipe with poly pipe pinch clamps.

Brass Insert Features

- Lead-free DZR brass construction.
- Use with polyethylene pipe.
- Use PTFE tape on threaded connections.
- Install with Apollo Poly Pipe Pinch Clamps.

Brass Insert Approvals

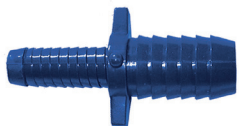
- NSF/ANSI 372
- NSF/ANSI 61-8

Part Number	Description	Carton Qty	UPC
FEMALE ADAPTERS			
AIFA12	1/2 in. FPT x 1/2 in. Barb Female Adapter	30	6 70750 94329 4
AIFFHT1234	1/2 in. FPT x 3/4 in. FHT Swivel Female Swivel Adapter	15	6 70750 94383 6
AIFFHT34	3/4 in. FPT x 3/4 in. FHT Swivel Female Swivel Adapter	15	6 70750 94384 3
AISLFHT1234	1/2 in. Slip PVC x 3/4 in. FHT Female PVC Adapter	15	6 70750 94400 0
AISLFHT34	3/4 in. Slip PVC x 3/4 in. FHT Female PVC Adapter	15	6 70750 94401 7
FEMALE ELBOW			
AIFE12	1/2 in. FPT x 1/2 in. Barb Male PVC Adapter	50	6 70750 94373 7
MALE ADAPTERS			
AISLMHT1234	1/2 in. Slip x 3/4 in. MHT PVC Male PVC Adapter	15	6 70750 94402 4
AISLMHT34	3/4 in. Slip x 3/4 in. MHT PVC Male PVC Adapter	15	6 70750 94403 1
MALE/FEMALE ADAPTERS			
AIMFB12	1/2 in. MPT x 1/2 in. FPT x 1/2 in. Barb Male/Female Adapter	25	6 70750 94397 3
AIMFHT1234	1/2 in. MPT x 3/4 FHT PVC Swivel Male/Female PVC Swivel Adapter	15	6 70750 94398 0
AIMFHT34	3/4 in. MPT x 3/4 FHT PVC Swivel Male/Female PVC Swivel Adapter	15	6 70750 94399 7





Part Number	Description	Carton Qty	UPC
COUPLINGS			
ABTC12	1/2 in. Insert Coupling	50	
ABTC125PK	1/2 in. Insert Coupling (5 Pack)	 10	
ABTC1220JR	1/2 in. Insert Coupling (20 Pack Jar)	 4	
ABTC3412	3/4 in. x 1/2 in. Insert Reducing Coupling	25	
ABTC34	3/4 in. Insert Coupling	75	
ABTC345PK	3/4 in. Insert Coupling (5 Pack)	 15	
ABTC3418JR	3/4 in. Insert Coupling (18 Pack Jar)	 4	
ABTC134	1 in. x 3/4 in. Insert Reducing Coupling	20	
ABTC1	1 in. Insert Coupling	50	
ABTC15PK	1 in. Insert Coupling (5 Pack)	 10	
ABTC1114	1 in. x 1 1/4 in. Insert Reducing Coupling	10	
ABTC114	1 1/4 in. Insert Coupling	20	
ABTC112	1 1/2 in. Insert Coupling	10	
FUNNY PIPE REDUCING COUPLINGS			
ABTC3438FP	3/4 in. Insert x 3/8 in. Funny Pipe Barb Reducing Coupling	50	
ABTC138FP	1 in. Insert x 3/8 in. Funny Pipe Barb Reducing Coupling	50	
TELESCOPING REPAIR COUPLINGS			
ABTSLC34	3/4 in. Insert x Funny Pipe Barb Telescoping Repair Coupling	20	
ABTSLC1	1 in. Insert x Funny Pipe Barb Telescoping Repair Coupling	20	



Part Number	Description	Carton Qty	UPC
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ELBOWS

ABTE12 1/2 in. Insert 90° Elbow

25



ABTE34 3/4 in. Insert 90° Elbow

25



ABTE1 1 in. Insert 90° Elbow

25



ABTE114 1 1/4 in. Insert 90° Elbow

10



ABTE112 1 1/2 in. Insert 90° Elbow

10



ABTFE12 1/2 in. Insert x FPT 90° Elbow

25



ABTFE1234 3/4 in. Insert x 1/2 in. FPT 90° Elbow

25



ABTFE34 3/4 in. Insert x FPT 90° Elbow

25



ABTFE112 1 in. Insert x 1/2 in. FPT 90° Elbow

10



ABTFE134 1 in. Insert x 3/4 in. FPT 90° Elbow

20



ABTFE1 1 in. Insert x FPT 90° Elbow

15



ABTME12 1/2 in. Insert x MPT 90° Elbow

25



ABTME34 3/4 in. Insert x MPT 90° Elbow

15



ABTME1 1 in. Insert x MPT 90° Elbow

10

**FUNNY PIPE REDUCING ELBOWS**ABTE3438FP 3/4 in. Insert x 3/8 in. Funny Pipe Barb
Reducing 90° Elbow

50

ABTE138FP 1 in. Insert x 3/8 in. Funny Pipe Barb
Reducing 90° Elbow

50





Part Number	Description	Carton Qty	UPC
COMBO REDUCING ELBOWS			
ABTCE341234	3/4 in. Insert x 1/2 in.-3/4 in. Red. 90° Elbow	15	8 10053 46074 0
ABTCE11234	1 in. Insert x 1/2 in.-3/4 in. Red. 90° Elbow	15	8 10053 46081 8
SIDE OUTLET ELBOWS			
ABTSE341234	3/4 in. Insert x 3/4 in. Insert x 1/2 in.-3/4 in. Side Outlet Elbow	15	8 10053 46079 5
ABTSE111234	1 in. Insert x 1 in. Insert x 1/2 in.-3/4 in. Side Outlet Elbow	15	8 10053 46084 9
FEMALE ADAPTERS			
ABTFA12	1/2 in. Insert x FPT Female Adapter	25	6 70750 84814 8
ABTFA34	3/4 in. Insert x FPT Female Adapter	25	6 70750 84815 5
ABTFA1	1 in. Insert x FPT Female Adapter	25	6 70750 84811 7
ABTFA114	1 1/4 in. Insert x FPT Female Adapter	10	6 70750 84813 1
ABTFA112	1 1/2 in. Insert x FPT Female Adapter	15	6 70750 84812 4
MALE ADAPTERS			
ABTMA12	1/2 in. Insert x MPT Male Adapter	50	6 70750 84845 2
ABTMA125PK	1/2 in. Insert x MPT Male Adapter (5 Pack) PRO 5 Pack	10	6 70750 84847 6
ABTMA1234	1/2 in. Insert x 3/4 in. MPT Male Adapter	25	6 70750 84846 9
ABTMA3412	3/4 in. Insert x 1/2 in. MPT Male Adapter	25	6 70750 84851 3
ABTMA34	3/4 in. Insert x MPT Male Adapter	75	6 70750 84849 0
ABTMA345PK	3/4 in. Insert x MPT Male Adapter (5 Pack) PRO 5 Pack	15	6 70750 84852 0
ABTMA341	3/4 in. Insert x 1 in. MPT Male Adapter	15	6 70750 84850 6
ABTMA134	1 in. Insert x 3/4 in. MPT Male Adapter	15	6 70750 84848 3
ABTMA1	1 in. Insert x MPT Male Adapter	50	6 70750 84842 1
ABTMA15PK	1 in. Insert x MPT Male Adapter (5 Pack)	10	6 70750 85571 9
ABTMA114	1 1/4 in. Insert x MPT Male Adapter	20	6 70750 84844 5
ABTMA112	1 1/2 in. Insert x MPT Male Adapter	15	6 70750 84843 8

Part Number	Description	Carton Qty	UPC
TEES			
ABTT12	1/2 in. Insert Tee	25	6 70750 84895 7
ABTT34	3/4 in. Insert Tee	25	6 70750 84901 5
ABTT1	1 in. Insert Tee	15	6 70750 84861 2
ABTT114	1¼ in. Insert Tee	10	6 70750 84894 0
ABTT112	1½ in. Insert Tee	5	6 70750 84893 3
ABTFT12	1/2 in. Insert x Insert x FPT Tee	25	6 70750 84826 1
ABTFT343412	3/4 in. Insert x 3/4 in. Insert x 1/2 in. FPT Tee	25	6 70750 84841 4
ABTFT34	3/4 in. Insert x Insert x FPT Tee	25	6 70750 84840 7
ABTFT1112	1 in. Insert x 1 in. Insert x 1/2 in. FPT Tee	15	6 70750 84822 3
ABTFT1134	1 in. Insert x 1 in. Insert x 3/4 in. FPT Tee	10	6 70750 84823 0
FUNNY PIPE REDUCING TEES			
ABTT343438	3/4 in. Insert x 3/4 in. Insert x 3/8 in. Funny Pipe Barb Reducing Tee	25	8 10053 46080 1
ABTT1138	1 in. Insert x 1 in. Insert x 3/8 in. Funny Pipe Barb Reducing Tee	25	8 10053 46077 1
COMBO REDUCING TEES			
ABTCT341234	3/4 in. Insert x 3/4 in. Insert x 1/2 in.-3/4 in. Reducing Tee	15	8 10053 46083 2
ABTCT11234	1 in. Insert x 1 in. Insert x 1/2 in.-3/4 in. Reducing Tee	15	8 10053 46087 0
PLUGS			
ABTP12	1/2 in. Insert Plug	40	6 70750 84859 9
ABTP34	3/4 in. Insert Plug	25	6 70750 84860 5
ABTP1	1 in. Insert Plug	15	6 70750 84856 8
ABTP114	1¼ in. Insert Plug	10	6 70750 84858 2
ABTP112	1½ in. Insert Plug	10	6 70750 84857 5





Part Number	Description	Carton Qty	UPC
BRASS INSERT COUPLINGS			

POLYBIC34	3/4 in. Brass Insert Coupling	20	6 70750 84907 7
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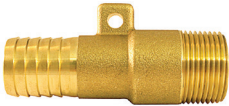
POLYBIC1	1 in. Brass Insert Coupling	20	6 70750 84906 0
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BRASS INSERT MALE ADAPTERS			
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POLYBIM34	3/4 in. Brass Insert x MPT Adapter	20	6 70750 76014 3
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POLYBIM1	1 in. Brass Insert x MPT Adapter	20	6 70750 76015 0
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POLYRPM1	1 in. Barb x MPT Brass Rope Adapter	10	6 70750 13339 8
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BRASS INSERT VALVES			
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POLYV12	1/2 in. Brass Insert Ball Valve	10	6 70750 84903 9
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POLYV34	3/4 in. Brass Insert Ball Valve	10	6 70750 84904 6
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POLYV1	1 in. Brass Insert Ball Valve	5	6 70750 84902 2
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Part Number	Description	Carton Qty	UPC
POLY PIPE PINCH CLAMPS			
POLYPC1210PK	1/2 in. Stainless-Steel Poly Pipe Pinch Clamps (10 Pack)	50	6 70750 44615 3
POLYPC12100JR	1/2 in. Stainless-Steel Poly Pipe Pinch Clamps (100 Pack Jar)	100 Pack JAR 4	8 10053 46073 3
POLYPC3410PK	3/4 in. Stainless-Steel Poly Pipe Pinch Clamps (10 Pack)	50	6 70750 74942 1
POLYPC34100JR	3/4 in. Stainless-Steel Poly Pipe Pinch Clamps (100 Pack Jar)	100 Pack JAR 4	8 10053 46071 9
POLYPC110PK	1 in. Stainless-Steel Poly Pipe Pinch Clamps (10 Pack)	50	6 70750 74944 5
POLYPC1100JR	1 in. Stainless-Steel Poly Pipe Pinch Clamps (100 Pack Jar)	100 Pack JAR 4	8 10053 46072 6
POLYPC11410PK	1 1/4 in. Stainless-Steel Poly Pipe Pinch Clamps (10 Pack)	50	6 70750 74945 2
POLY PIPE PINCH CLAMP TOOL			
POLYPTK	Poly Pipe Pinch Clamp Tool Fastens 1/2 in. - 1 1/2 in. Poly Pipe Pinch Clamps	5	6 70750 74948 3



Snapport®

Add an outlet to any vessel from the outside! Easily install an outlet to a bucket, trough, drum, or rain barrel in less than a minute. Snapport® allows for total drainage of fluid when installed vertically. Install on any rigid material 1/16 in. to 3/8 in. thick. Requires a 1 1/8 in. hole. Once installed, a 1 in. SW pipe valve or plug can be attached.



Scan the QR code for a video on how to install Snapport™.



SNAPPORT™

LSP-010	Snapport® - Add an 1 in. outlet to any vessel from the outside	5	0 25528 80814 3
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SPRINT

Irrigation Fittings

SPRINT

Sprint fittings are push to connect fittings for Polyethylene pipe in irrigation applications. The are removable and reusable, making installation very easy.

Features

- 100% corrosion resistant
- Push to connect solution without special tools
- Install regardless of temperature or weather
- Approved for burial
- Removable and reusable
- 5-year warranty

Specifications

- For use with 100 psi Polyethylene (PE) pipe
- Working pressure: up to 230 psi (16 bar)
- Temperature: -4° F to 104° F
- Made from glass-fiber reinforced PA

Installation Instructions

Squarely cut PE pipe to desired length. Mark pipe depth using guide on packaging. Insert pipe into fitting with a twisting motion. Check connections after installation. To remove, open the sleeve by using a wrench and turn the cap counter clockwise. Remove the pipe. Remove the fitting components from pipe and reassemble fitting.



Part Number	Description	Carton Qty	UPC
SPRINT			
SPRE34	3/4 in. Sprint Polymer 90° Elbow	5	6 70750 84966 4
SPRMA34	3/4 in. Sprint Polymer Male Adapter	8	6 70750 84964 0
SPRT34	3/4 in. Sprint Polymer Tee	5	6 70750 84980 0

CPVC FITTINGS

CPVC pipe and fittings are used in corrosive resistant applications. CPVC resists mineral buildup and corrosion. Solvent weld joints provide easy installation.

Features:

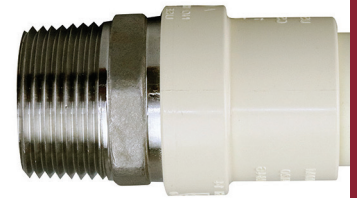
- Solvent weld installation to CPVC pipe.
- CPVC systems are accepted by all major building codes.
- Resistant to mineral buildup and corrosion.
- Easy installation with solvent cement.

Specifications:

- 180 psi @ 73° F
- For use with CPVC pipe.
- Made from chlorinated polyvinyl chloride.
- For use with hot and cold water applications.

Approvals:

- ASTM D-2846
- ANSI/NSF 61



PVC FITTINGS

Telescoping PVC slide repair couplings by Apollo are adjustable to assist in making easy repairs to damaged pipes. The telescoping action allows the fitting to expand or retract to cover/replace the damaged section of existing pipe. Simply remove the damaged section of pipe, clean pipe and fitting ends thoroughly, apply solvent cement and secure into place. Once secured, these fittings will provide years of reliable service.

Compression fittings by Apollo are engineered to perform to strict standards and expectations. With a duplex seal that ensures a leak-proof seal in every application and a large gripping area, these fittings resist even the strongest of longitudinal pull out forces. Available in coupling, adapter, union and female compression tees, PVC compression fittings by Apollo are designed for years of reliable use.

Apollo PVC Schedule 40 Ball Valves are compact and lightweight. This Slip x Slip valve is designed for a variety of applications including pressure distribution of cold water in irrigation, pool, spa, agricultural, commercial and light industrial applications and comes in a plastic jar which is convenient, resealable, and reusable. Apollo PVC Sch. 40 ball valves are NSF approved and have EPDM seats and O-rings integrated into the durable PVC body. The full port valve design allows for maximum flow rates with minimal turbulence or pressure reduction.

Features:

- For use in repairs of irrigation lines and cold-water distribution PVC water lines.
- Pipe must be restrained during and after installation.
- Corrosion resistant.
- For use in irrigation, underground sprinkler systems, swimming pools, outdoor applications and cold water supply lines.

Specifications:

- Maximum operating pressure: 150 psi at 73°F
- Working temperature range: 41°F - 140°F

Approvals:

- Conforms to NSF 61/372, ASTM D-1784, D-2466, F-1970 and D-2000
- NSF Certified
- NSF / ANSI Standard 372 Certified for ball valves
- Slip connections conform to ASTM D2468 for ball valves



PVC Correction Factors

Operating Temperature (°F)	PVC Factor
73° F	1.00
80° F	0.88
90° F	0.75
100° F	0.62
110° F	0.51
115° F	0.45
120° F	0.40
130° F	0.31
140° F	0.22

The pipe pressure ratings shown are the maximum allowable working pressure for water, non-shock, at 73°F. Allowable pressure ratings decrease with an increase in temperature. The following temperature de-rating factors must be applied to the working pressure ratings shown to determine the maximum allowable pressure rating at elevated temperatures. Multiply the working pressure rating shown at 73°F by the appropriate de-rating factor for the elevated temperature selected to determine the maximum allowable pressure rating at that temperature.

Example: 4" Sch 40 PVC pipe = 220 psi@73°F
4" Sch 40 PVC pipe (220 psi x 0.51) = 112 psi

*The maximum allowable operating temperature for PVC is 140°F

CPVC/PVC PRODUCTS



Part Number	Description	Carton Qty	UPC
CPVC PIPE STRAPS			

CPVCSTRAP12	1/2 in. (5 Pack)	25	8 50003 46591 3
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CPVCSTRAP34	3/4 in. (5 Pack)	20	8 50003 46592 0
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CPVC UNIONS

CPVCU12	1/2 in. CPVC CTS Slip	10	8 50003 46594 4
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CPVCWTU12	1/2 in. CPVC CTS Brass Slip x 1/2 in. Solder	10	8 50003 46593 7
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CPVCUC12	1/2 in. CPVC CTS Slip x 1/2 in. Brass Solder	6	8 50003 46596 8
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CPVCU34	3/4 in. CPVC CTS Slip	10	8 50003 46595 1
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CPVC WASHING MACHINE VALVE

CPVCWMV	1/2 in. CPVC CTS Slip x 3/4 in. GHT Angle Valve	8	8 50003 46597 5
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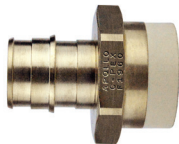


CPVC DROP EAR ELBOWS

CPVCDEE12	1/2 in. CPVC CTS Slip x 1/2 in. SS FNPT	25	8 50003 46547 0
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CPVCDEE12W	1/2 in. CPVC CTS Slip x 1/2 in. FNPT	20	8 50003 46583 8
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PEX-A CPVC ADAPTERS

EPXCPVC12	1/2 in. PEX-A x 1/2 in. CPVC CTS Slip	10	1 91988 00378 4
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EPXCPVC34	3/4 in. PEX-A x 3/4 in. CPVC CTS Slip	10	1 91988 00406 4
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PEX-B CPVC ADAPTERS

APXCPVC12	1/2 in. PEX-B x 1/2 in. CPVC CTS Slip	10	6 70750 57077 3
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APXCPVC34	3/4 in. PEX-B x 3/4 in. CPVC CTS Slip	10	6 70750 57078 0
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Part Number Description Carton Qty UPC

CPVC FEMALE ADAPTERS

CPVCFA12 1/2 in. CPVC CTS Slip x 1/2 in. SS FNPT 25 8 50003 46541 8

CPVCFA12W 1/2 in. CPVC CTS Slip x 1/2 in. FNPT 75 8 50003 46585 2

CPVCFA12W10PK 1/2 in. CPVC CTS Slip x 1/2 in. FNPT (10 Pack) **PRO 10 Pack** 5 8 50003 46581 4

CPVCFA34 3/4 in. CPVC CTS Slip x 3/4 in. SS FNPT 25 8 50003 46542 5

CPVCFA34W 3/4 in. CPVC CTS Slip x 3/4 in. FNPT 50 8 50003 46588 3

CPVCFA34W10PK 3/4 in. CPVC CTS Slip x 3/4 in. FNPT (10 Pack) **PRO 10 Pack** 5 8 50003 46589 0

CPVCFA1U34 3/4 in. CPVC CTS Slip x 1 in. FNPT 6 8 50003 46586 9

CPVCFA1 1 in. CPVC CTS Slip x 1 in. SS FNPT 25 8 50003 46543 2

CPVCFA1W 1 in. CPVC CTS Slip x 1 in. FNPT 10 8 50003 46587 6

CPVC MALE ADAPTERS

CPVCMA12 1/2 in. CPVC CTS Slip x 1/2 in. SS MNPT 25 8 50003 46544 9

CPVCMA1234 1/2 in. CPVC CTS Slip x 3/4 in. Brass MNPT 6 8 50003 46590 6

CPVCMA34 3/4 in. CPVC CTS Slip x 3/4 in. SS MNPT 25 8 50003 46545 6

CPVCMA3420PK **NEW!** 3/4 in. CPVC CTS Slip x 3/4 in. SS MNPT (20 Pack) **PRO 20 Pack** 25 8 10053 46800 5

CPVCMA1 1 in. CPVC CTS Slip x 1 in. SS MNPT 25 8 50003 46546 3

CPVC ADAPTER

CPVCBSP 1/2 in. CPVC CTS Slip x 3/4 in. GHT 10 8 50003 46582 1

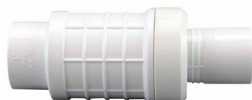
CPVC DROP EAR TEE

CPVCDET12 1/2 in. CPVC CTS Slip 10 8 50003 46584 5





Part Number	Description	Carton Qty	UPC
PUSH PVC TRANSITION STEMS			
FSBIPSTEM12	1/2 in. IPS Brass Push-to-Connect x 1/2 in. CTS Street Transition Adapter	6	1 91988 00433 0
FSBIPSTEM34	3/4 in. IPS Brass Push-to-Connect x 3/4 in. CTS Street Transition Adapter	6	1 91988 00434 7
FSBIPSTEM1	1 in. IPS Brass Push-to-Connect x 1 in. CTS Street Transition Adapter	6	1 91988 00435 4



PVC SLIDE REPAIR COUPLINGS			
PVCC12SL	1/2 in. PVC Slide Repair Coupling	6	8 10053 46100 6
PVCC34SL	3/4 in. PVC Slide Repair Coupling	8	8 10053 46101 3
PVCC1SL	1 in. PVC Slide Repair Coupling	6	8 10053 46102 0
PVCC114SL	1 1/4 in. PVC Slide Repair Coupling	4	8 10053 46103 7
PVCC112SL	1 1/2 in. PVC Slide Repair Coupling	4	8 10053 46104 4
PVCC2SL	2 in. PVC Slide Repair Coupling	2	8 10053 46105 1



PVC COMPRESSION COUPLINGS			
PVCCOMP12	1/2 in. PVC Compression Coupling	20	8 10053 46100 6
PVCCOMP34	3/4 in. PVC Compression Coupling	16	8 10053 46101 3
PVCCOMP1	1 in. PVC Compression Coupling	12	8 10053 46102 0
PVCCOMP114	1 1/4 in. PVC Compression Coupling	4	8 10053 46103 7
PVCCOMP112	1 1/2 in. PVC Compression Coupling	4	8 10053 46104 4
PVCCOMP2	2 in. PVC Compression Coupling	2	8 10053 46105 1


Part Number	Description	Carton Qty	UPC
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PVC MALE REPAIR ADAPTERS


PVCCOMPMA34	3/4 in. PVC Male Repair Adapter	18	
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PVCCOMPMA1	1 in. PVC Male Repair Adapter	18	
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PVC COMPRESSION TEES WITH FEMALE BRANCH

PVCCOMPT12F	1/2 in. PVC Compression Tee with FIP Branch	4	
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PVCCOMPT3412F	3/4 in. PVC Compression Tee with 1/2 in. FIP Branch	10	
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PVCCOMPT34F	3/4 in. PVC Compression Tee with FIP Branch	6	
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PVCCOMPT1F	1 in. PVC Compression Tee with FIP Branch	4	
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PVC SLIP JOINT UNIONS

PVCU12	1/2 in. Slip Joint Union	36	
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PVCU34	3/4 in. Slip Joint Union	25	
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PVCU1	1 in. Slip Joint Union	12	
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PVCU114	1¼ in. Slip Joint Union	9	
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PVCU112	1½ in. Slip Joint Union	5	
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PVCU2	2 in. Slip Joint Union	4	
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Part Number	Description	Carton Qty	UPC
PVC FEMALE UNIONS			
PVCU12F	1/2 in. PVC Female Union	36	 8 10053 46089 4
PVCU34F	3/4 in. PVC Female Union	25	 8 10053 46091 7
PVCU1F	1 in. PVC Female Union	12	 8 10053 46093 1
PVCU114F	1 1/4 in. PVC Female Union	4	 8 10053 46095 5
PVCU112F	1 1/2 in. PVC Female Union	5	 8 10053 46097 9
PVCU2F	2 in. PVC Female Union	4	 8 10053 46099 3

Part Number	Description	Carton Qty	UPC
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PEX-A PVC ADAPTER

EPXPVC34	3/4 in. Brass PEX-A Barb x 3/4 in. Schedule 40 PVC Straight Adapter	10	1 91988 00407 1
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PUSH PVC TEES

FSBT1212IPS12	1/2 in. CTS x 1/2 in. CTS x 1/2 in. IPS Brass Push-To-Connect Slip Tee	6	1 91988 00379 1
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FSBT3434IPS34	3/4 in. CTS x 3/4 in. CTS x 3/4 in. IPS Brass Push-To-Connect Slip Tee	6	1 91988 00381 4
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FSBT11IPS1	1 in. CTS x 1 in. CTS x 1 in. IPS Brass Push-To-Connect Slip Tee	6	1 91988 00383 8
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FSBT1212CTS12	1/2 in. IPS x 1/2 in. IPS x 1/2 in. CTS Brass Push-To-Connect Slip Tee	6	1 91988 00380 7
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FSBT3434CTS34	3/4 in. IPS x 3/4 in. IPS x 3/4 in. CTS Brass Push-To-Connect Slip Tee	6	1 91988 00382 1
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FSBT11CTS1	1 in. IPS x 1 in. IPS x 1 in. CTS Brass Push-To-Connect Slip Tee	6	1 91988 00384 5
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PUSH PVC ADAPTERS

FSBIPSC12	1/2 in. IPS x 1/2 in. CTS Brass Push-to-Connect Conversion Coupling	6	6 70750 96899 0
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FSBIPSC34	3/4 in. IPS x 3/4 in. CTS Brass Push-to-Connect Conversion Coupling	6	6 70750 96900 3
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FSBIPSC1	1 in. IPS x 1 in. CTS Brass Push-to-Connect Conversion Coupling	3	6 70750 96801 3
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PUSH PVC MALE ADAPTERS

FSBIPSMA12	1/2 in. IPS Push-To-Connect x 1/2 in. CTS Brass Male Pipe Thread Adapter	6	6 70750 96899 0
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FSBIPSMA34	3/4 in. IPS Push-To-Connect x 3/4 in. CTS Brass Male Pipe Thread Adapter	6	6 70750 96900 3
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PUSH PVC REPAIR COUPLINGS

FSBIPSC34SL	3/4 in. Brass Push-to-Connect PVC Slip Repair Coupling	6	1 91988 00385 2
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FSBIPSC1SL	1 in. Brass Push-to-Connect PVC Slip Repair Coupling	6	1 91988 00386 9
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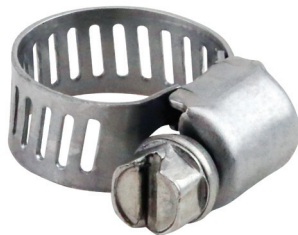


Stainless Steel Adjustable Clamps

Our Stainless Steel Adjustable Clamps are made from corrosion resistant 300 stainless steel. Clamps are used in securing hoses, pipe, cable, tube, fuel lines etc. They are good for indoor and outdoor plumbing, home, auto, marine, and light industrial applications. They are great for underground and plumbing applications where corrosion resistance is necessary.

Features:

- Ideal for securely clamping tubes in place.
- Resists corrosion and rust.
- Clean punch and rectangular perforations hold strong and connect easily.
- Easy to tighten or loosen with a screwdriver for easy installation.
- IAPMO Research and Testing certified.



Part Number		Description	Carton Qty	UPC
ADJUSTABLE CLAMPS				
IDL11		#4 - 3/8 in. to 5/8 in. dia (5/16 in. wide band, 1/4 in. slotted hex head)	75	8 10053 46137 2
IDL1110PK	PRO 10 Pack	#4 - 3/8 in. to 5/8 in. dia - 10-Pack (5/16 in. wide band, 1/4 in. slotted hex head)	15	8 10053 46138 9
IDL15		#4 - 3/8 in. to 5/8 in. dia (5/16 in. wide band, 1/4 in. slotted hex head)	125	8 10053 46142 6
IDL1540JR	40 Pack JAR	#4 - 3/8 in. to 5/8 in. dia - 40-Pack Jar (5/16 in. wide band, 1/4 in. slotted hex head)	4	8 10053 46143 3
IDL09		#8 - 3/8 in. to 1 in. dia (1/2 in. wide band, 5/16 in. slotted hex head)	125	8 10053 46132 7
IDL0910PK	PRO 10 Pack	#8 - 3/8 in. to 1 in. dia - 10-Pack (1/2 in. wide band, 5/16 in. slotted hex head)	12	8 10053 46133 4
IDL0930JR	30 Pack JAR	#8 - 3/8 in. to 1 in. dia - 30-Pack Jar (1/2 in. wide band, 5/16 in. slotted hex head)	4	8 10053 46134 1
IDL10		#8 PRO - 3/8 in. to 1 in. dia (9/16 in. wide band, 5/16 in. slotted hex head)	75	8 10053 46135 8
IDL1010PK	PRO 10 Pack	#8 PRO - 3/8 in. to 1 in. dia - 10-Pack (9/16 in. wide band, 5/16 in. slotted hex head)	10	8 10053 46136 5

Part Number

Description

Carton Qty

UPC

ADJUSTABLE CLAMPS *(continued)*

IDL16

#8 - 7/16 in. to 1 in. dia
(1/2 in. wide band, 5/16 in. slotted hex head)

75



IDL04

#12 - 1/2 in. to 1-1/4 in. dia
(1/2 in. wide band, 5/16 in. slotted hex head)

125



IDL0410PK



#12 - 1/2 in. to 1-1/4 in. dia - 10-Pack
(1/2 in. wide band, 5/16 in. slotted hex head)

12



IDL0430JR



#12 - 1/2 in. to 1-1/4 in. dia - 30-Pack Jar
(1/2 in. wide band, 5/16 in. slotted hex head)

4



IDL12

#16 PRO - 11/16 in. to 1-1/2 in. dia
(9/16 in. wide band, 5/16 in. slotted hex head)

50



IDL05

#16 PRO - 11/16 in. to 1-1/2 in. dia
(9/16 in. wide band, 5/16 in. slotted hex head)

50



IDL0510PK



#16 PRO - 11/16 in. to 1-1/2 in. dia - 10-Pack
(9/16 in. wide band, 5/16 in. slotted hex head)

10



IDL07

#20 - 3/4 in. to 1-3/4 in. dia
(1/2 in. wide band, 5/16 in. slotted hex head)

125



IDL0710PK



#20 - 3/4 in. to 1-3/4 in. dia - 10-Pack
(1/2 in. wide band, 5/16 in. slotted hex head)

12



IDL0725PK



#20 - 3/4 in. to 1-3/4 in. dia - 25-Pack
(1/2 in. wide band, 5/16 in. slotted hex head)

10



IDL03

#40 - 1 in. to 3 in. dia
(1/2 in. wide band, 5/16 in. slotted hex head)

50



IDL01

#28 - 1-1/4 in. to 2-1/4 in. dia
(1/2 in. wide band, 5/16 in. slotted hex head)

50



IDL0110PK



#28 - 1-1/4 in. to 2-1/4 in. dia - 10-Pack
(1/2 in. wide band, 5/16 in. slotted hex head)

5



IDL19

#28 PRO - 1-1/4 in. to 2-1/4 in. dia
(9/16 in. wide band, 5/16 in. slotted hex head)

25



IDL02

#28 PRO - 1-1/4 in. to 2-1/4 in. dia
(9/16 in. wide band, 5/16 in. slotted hex head)

25



IDL0210PK



#28 PRO - 1-1/4 in. to 2-1/4 in. dia - 10-Pack
(9/16 in. wide band, 5/16 in. slotted hex head)

5



IDL20

#36 - 1-3/4 in. to 2-3/4 in. dia
(1/2 in. wide band, 5/16 in. slotted hex head)

100



IDL2010PK



#36 - 1-3/4 in. to 2-3/4 in. dia - 10-Pack
(1/2 in. wide band, 5/16 in. slotted hex head)

5



ADJUSTABLE CLAMPS



Part Number	Description	Carton Qty	UPC
ADJUSTABLE CLAMPS <i>(continued)</i>			
IDL2025PK	PRO 25 Pack #36 - 1-3/4 in. to 2-3/4 in. dia - 25-Pack (1/2 in. wide band, 5/16 in. slotted hex head)	2	8 10053 46227 0
IDL13	#56 - 2 in. to 4 in. dia (1/2 in. wide band, 5/16 in. slotted hex head)	40	8 10053 46140 2
IDL21	#52 - 2-3/4 in. to 3-3/4 in. dia (1/2 in. wide band, 5/16 in. slotted hex head)	30	8 10053 46228 7
IDL062PK	#64 - 2-5/8 in. to 4-1/2 in. dia - 2-Pack (1/2 in. wide band)	12	8 10053 46148 8
IDL14	#72 - 3 in. to 5 in. dia (1/2 in. wide band, 5/16 in. slotted hex head)	35	8 10053 46141 9
IDL22	#60 - 3-1/4 in. to 4-1/4 in. dia (1/2 in. wide band, 5/16 in. slotted hex head)	30	8 10053 46229 4
IDL23	#88 - 5 in. to 6 in. dia (1/2 in. wide band, 5/16 in. slotted hex head)	30	8 10053 46230 0
IDL08	#104 - 5-9/16 in. to 7 in. dia (1/2 in. wide band, 5/16 in. slotted hex head)	25	8 10053 46144 0
IDL18	Value Pack Hose Clamp Assortment 1/4 in. to 2-3/4 in. - 19-Pack	5	8 10053 46147 1

APPLIANCE ACCESSORIES

Apollo by Mosack Group offers a wide range of appliance accessories - innovative products, such as Tank Tee, to connectors and fittings.



Part Number	Description	Carton Qty	UPC
DISHWASHER			
FSBDWE1434	1/4 in. (3/8 in.) Brass Push-To-Connect x 3/4 in. Garden Hose Thread 90° Dishwasher Elbow	5	6 70750 72987 4
FSBME1438	1/4 in. Brass Push-To-Connect x 3/8 in. MPT 90° Dishwasher Elbow	5	6 70750 72987 4
APXVT121238	1/2 in. Chrome-Plated Brass PEX Barb x 3/8 in. Compression Quarter-Turn Dishwasher Tee Valve	12	7422561 1 91988 00468 2
ICE MAKER			
AFSPSV	3/4 in. Garden Hose Thread Lead Free Chrome Plated Brass Self-Piercing Saddle Valve	5	6 70750 75474 6
APXVA1214C	1/2 in. Chrome-Plated Brass PEX Barb x 1/4 in. Compression Quarter-Turn Angle Stop Valve	6	7460744 6 70750 57068 1
APXVS1214C	1/2 in. Chrome-Plated Brass PEX Barb x 1/4 in. Compression Quarter-Turn Straight Stop Valve	6	7460777 6 70750 57069 8
EPXIMT1214	1/2 in. Chrome-Plated Brass PEX-A Barb x 1/4 in. Compression Quarter-Turn Ice Maker Tee Valve	10	1 91988 00408 8
APXBOXIM	1/2 in. Brass PEX-B Barb Ice Maker Outlet Box	2	7553183 6 70750 96061 1
EPXBOXIM	1/2 in. Brass PEX-A Barb Ice Maker Outlet Box	2	6 70750 96076 5
FSBBOXIM	1/2 in. Brass Push-To-Connect Ice Maker Outlet Box	2	6 70750 95989 9
FSBBOXIMWH	1/2 in. Brass Push-to-Connect Ice Maker Outlet Box with Water Hammer Arrestor	2	6 70750 95990 5



APPLIANCE ACCESSORIES



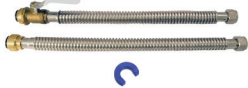
Part Number	Description	Carton Qty	UPC
WASHING MACHINE			
FSBWMSV	1/2 in. Brass Push-To-Connect x 3/4 in. MPT Straight Washing Machine Ball Valve	6	6 70750 07240 6
FSBWMAV	1/2 in. Brass Push-To-Connect x 3/4 in. MPT Angle Washing Machine Ball Valve	6	6 70750 07219 2
APXBOXWM	1/2 in. Brass PEX-B Barb x 3/4 in. MHT Washing Machine Outlet Box	3	7553209 6 70750 96060 4
APXBOXWMWH	1/2 in. Brass PEX-B Barb x 3/4 in. MHT Washing Machine Outlet Box with Water Hammer Arrestors	3	6 70750 96009 3
EPXBOXWM	1/2 in. Brass PEX-A Barb x 3/4 in. MHT Washing Machine Outlet Box	3	6 70750 96065 9
EPXBOXWMWH	1/2 in. Brass PEX-A Barb x 3/4 in. MHT Washing Machine Outlet Box with Water Hammer Arrestors	3	6 70750 96009 3
FSBBOXWM	1/2 in. Brass Push-To-Connect x 3/4 in. MHT Washing Machine Outlet Box	3	6 70750 95993 6
FSBBOXWMWH	1/2 in. Brass Push-To-Connect x 3/4 in. MHT Washing Machine Outlet Box with Water Hammer Arrestors	3	6 70750 96009 3
WATER SOFTENER			
AFWS34	3/4 in. Brass Push-To-Connect x 3/4 in. Clack Water Softener Adapter (2-Pack)	5	6 70750 51980 2
AFWS1	1 in. Brass Push-To-Connect x 1 in. Clack Water Softener Adapter (2-Pack)	5	6 70750 51981 9
FSBBS34P1F24	3/4 in. Brass Push-To-Connect x 1 in. FNPT x 24 in. Braided Stainless Steel Water Softener Connector	6	6 70750 96055 0



Part Number	Description	Carton Qty	UPC
WATER HEATER			
WHC34F34S18V2	3/4 in. FIP x 3/4 in. SWT x 18 in. Corrugated Copper Connector	5	8 50003 46507 4
WHC34F18V2	3/4 in. FIP x 3/4 in. FIP x 18 in. Corrugated Copper Connector	20	8 50003 46599 9
WHC34F24V2	3/4 in. FIP x 3/4 in. FIP x 24 in. Corrugated Copper Connector	20	8 50003 46508 1
WHBS34F12	3/4 in. FIP x 3/4 in. FIP x 12 in. Braided Stainless Steel Connector	5	6 70750 46012 8
WHBS34F18	3/4 in. FIP x 3/4 in. FIP x 18 in. Braided Stainless Steel Connector	10	6 70750 46013 5
WHBS34F24	3/4 in. FIP x 3/4 in. FIP x 24 in. Braided Stainless Steel Connector	5	6 70750 46014 2
WHBS34F7818	3/4 in. FIP x 7/8 in. FIP x 18 in. Braided Stainless Steel Connector	5	6 70750 46010 4
FSBBS34F12	3/4 in. Push-To-Connect x 3/4 in. FNPT x 12 in. Braided Stainless Steel Connector	12	6 70750 96019 2
FSBBS34F15	3/4 in. Push-To-Connect x 3/4 in. FNPT x 15 in. Braided Stainless Steel Connector	12	6 70750 96031 4
FSBBS34F18	3/4 in. Push-To-Connect x 3/4 in. FNPT x 18 in. Braided Stainless Steel Connector	12	6 70750 96032 1
FSBBS34F24	3/4 in. Push-To-Connect x 3/4 in. FNPT x 24 in. Braided Stainless Steel Connector	12	6 70750 96038 3
FSBBS34F18BV	3/4 in. Push-To-Connect x 3/4 in. FNPT x 18 in. Braided Stainless Steel Connector w/ Ball Valve	12	6 70750 96035 2
WHCSST34F24	3/4 in. FIP x 3/4 in. FIP x 24 in. Corrugated Stainless Steel Connector	5	6 70750 46017 3
WHCSST34P1F24	3/4 in. Push x 1 in. FIP x 24 in. Corrugated Stainless Steel Connector	5	6 70750 57097 1
WHCSST1F18	1 in. FIP x 1 in. FIP x 18 in. Corrugated Stainless Steel Connector	5	6 70750 45954 2
APXCSST18	1/2 in. PEX-B x 3/4 in. FHT x 18 in. Corrugated Stainless Steel Connector	5	7422355 6 70750 57055 1
APXCSST1834	3/4 in. PEX-B x 3/4 in. FHT x 18 in. Corrugated Stainless Steel Connector	6	7460611 1 91988 00562 7
APXCSST1834BV	3/4 in. PEX-B Ball Valve x 3/4 in. FPT x 18 in. Corrugated Stainless Steel Connector with Ball Valve	6	8 50003 46569 2



APPLIANCE ACCESSORIES



Part Number	Description	Carton Qty	UPC
WATER HEATER <i>(continued)</i>			
FSBCSST34F18	3/4 in. Push-To-Connect x 3/4 in. FNPT x 18 in. Corrugated Stainless Steel Connector	12	6 70750 96680 4
FSBCSST34F24	3/4 in. Push-To-Connect x 3/4 in. FNPT x 24 in. Corrugated Stainless Steel Connector	12	6 70750 96681 1
EPXCSST18	3/4 in. PEX-A x 3/4 in. FPT x 18 in. Corrugated Stainless Steel Connector	5	8975070 6 70750 84023 4
EPXCSST18BV	3/4 in. PEX-A Ball Valve x 3/4 in. FPT x 18 in. Corrugated Stainless Steel Connector with Ball Valve	5	8 50003 46568 5
WHCOMP12C34M	1/2 in. Compression x 3/4 in. MIP Water Heater Fittings (2 Pack)	5	6 70750 45942 9
WHCOMP34	3/4 in. Compression x 3/4 in. MIP Water Heater Fittings (2 Pack)	5	6 70750 45941 2
FSBTANKKIT	Water Heater Installation Kit Contains Tank Tee, two CSST connectors - one with ball valve	3	1 91988 00504 7
FSBWHKIT	3/4 in. Push-To-Connect x 3/4 in. FIP Water Heater Connection Kit	3	6 70750 99604 7
FSBTANKTEE	3/4 in. Push-To-Connect x FPT x FPT Expansion Tank Tee	5	6 70750 08172 9

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Apollo by Mosack Group
Tectite by Mosack Group
Apollo PEX



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WARRANTY

Subject to the conditions and limitations in this Limited Warranty, The Mosack Group, Inc. warrants to the owner of applicable real property in the United States (including its territories) and Canada that Apollo products, when properly installed in potable water piping systems and hydronic heating piping systems, under normal conditions of use, shall be free from failure caused by manufacturing defects for the applicable Warranty Period. This Limited Warranty is in effect for installations made after January 1, 2017 and applies strictly to products installed in the country which they were purchased.

Validation of the Warranty Period is required through proof of purchase. In the event that proof of purchase is unavailable, the Warranty Period initiation date shall default to the date of manufacture for each product. If the product suspected of a defect does not have a visible date of manufacture, a proof of purchase shall be required.

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 described in published pertinent product literature.

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 Apollo products according to manufacturer's installation instructions will void all applicable warranties and may result in severe water damage.

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.

Product specific conditions of this Limited Warranty and the Warranty Period are detailed in the table entitled "Additional Product Specific Warranty Information".

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 The Mosack Group, Inc.; or (h) acts of nature such as earthquakes, re, flood or lightning.

Although The Mosack Group, Inc. 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 Mosack Group, Inc. product in the given installation will continue to be covered under this Limited Warranty although limits on Warranty Period may apply. The Mosack Group, Inc. will be responsible only for proven defects in material or workmanship in The Mosack Group, Inc. products. Problems in products manufactured by another company should be reported to that manufacturer.

In order to be eligible for service under this Limited Warranty, it is the responsibility of the property owner to obtain and pay for repairs. Only if the warranty applies will The Mosack Group, Inc. be responsible for reimbursement under this warranty. The part or parts which you claim failed should be kept and The Mosack Group, Inc. contacted at the address below or by telephoning within thirty (30) days after the failure or leak and identifying yourself as having a warranty claim. You should be prepared to ship, at your expense, the product which you claim failed due to a manufacturing defect (including the original section of pipe still inserted), document the date of installation, proof of purchase, and the amount of any claimed bills for which you seek reimbursement. Products returned without shipping charges prepaid will be refused. Within a reasonable time after receiving the product, The Mosack Group, Inc. will investigate the reasons for the failure, which includes the right to inspect the product at The Mosack Group, Inc. and reasonable access to the site of damage in order to determine whether the warranty applies. The Mosack Group, Inc. will notify you of the results of this review. For questions or inquiries, call 1(888)229-2874.

In the event that The Mosack Group, Inc. determines that the failure or leak and any resulting damages were the result of a manufacturing defect in the products covered by limited warranties outlined below, The Mosack Group, Inc. will reimburse the property owner for reasonable repair or replacement charges to include drywall, flooring and painting costs, as well as damages to personal property, resulting from the failure or leak. Except as specified above or otherwise specifically authorized in writing by The Mosack Group, Inc., The Mosack Group, Inc. 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. Any change in property ownership after the first ten years will nullify any remaining warranty coverage. This shall constitute the sole and exclusive remedy for any defective product.

The Mosack Group, Inc. 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 The Mosack Group, Inc. has no control. This limitation applies even if The Mosack Group, Inc. 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. The Mosack Group, Inc. does not guarantee or in any way warrant the integrity or workmanship of the contractor/installer.

Other than this limited warranty, The Mosack Group, Inc. does not authorize any person or firm to create for it any other obligation or liability in connection with its products. This written warranty applies for the first 10 years of the applicable warranty regardless of any change of ownership in the property. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on the duration of implied warranties in certain types of transactions, so the above exclusion or limitations may not apply to you.

LIMITATION OF LIABILITY: THE MOSACK GROUP, INC. SHALL NOT UNDER ANY CIRCUMSTANCES BE LIABLE FOR SPECIAL OR CONSEQUENTIAL DAMAGES SUCH AS, BUT NOT LIMITED TO, DAMAGES OR TO LOSS OF OTHER PROPERTY OR EQUIPMENT, LOSS OF PROFITS OR REVENUE, COST OF CAPITAL, COST OF PURCHASED OR REPLACEMENT GOODS, OR CLAIMS OF CUSTOMERS OF OUR INITIAL PURCHASER. THE REMEDIES OF OUR INITIAL PURCHASER, AND ALL OTHERS, SET FORTH HEREIN, ARE EXCLUSIVE, AND THE LIABILITY OF THE MOSACK GROUP, INC. WITH RESPECT TO SAME SHALL NOT, EXCEPT AS EXPRESSLY PROVIDED HEREIN, EXCEED THE PRICE OF THE GOODS UPON WHICH SUCH LIABILITY IS BASED.

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 The Mosack Group, Inc. products shall be governed and construed under the laws of the State of North Carolina. No action on the part of The Mosack Group, Inc. under this Limited Warranty shall be construed as an admission of liability of that the product is not for its intended use.

ADDITIONAL PRODUCT SPECIFIC WARRANTY INFORMATION

Product Group	Limited Warranty Period	Conditions
Apollo by Mosack Group or Apollo TMG	5 Years	Must be installed per published installation instructions.
Apollo by Mosack Group CPVC Fittings	5 Years	From date of purchase and when used in accordance with instructions.
Apollo Expansion PEX Fittings (PEX-A)	25 Years	For exclusive use with PEX-A pipe.
Apollo Expansion PEX Pipe (PEX-A)	25 Years	For exclusive use with ASTM F1960 fittings.
Apollo PEX Brass Fittings & Copper Manifolds (PEX-B)	25 Years	For exclusive use with: PEX - ASTM F876/CSA B137.5 Copper Crimp Rings - ASTM F1807 Stainless Steel Pinch Clamps & Sleeves - ASTM F2098
Apollo PEX Pipe & Oxygen Barrier Pipe (PEX-B)	25 Years	For use with ASTM F2159 fittings.
Apollo PEX Poly Alloy Fittings (PEX-B)	25 Years	For exclusive use with: PEX - ASTM F876/CSA B137.5 Copper Crimp Rings - ASTM F2159 Stainless Steel Pinch Clamps & Sleeves - ASTM F2098
Apollo PEX Tools Expansion (PEX-A) and Crimp & Clamp (PEX-B)	5 Years	From date of purchase and when used in accordance with instructions.
Apollo by Mosack Group Press Fittings	50 Years	From date of purchase and when used in accordance with instructions.
Apollo by Mosack Group Valves	5 Years	Must be installed per published installation instructions.
Apollo by Mosack Group Blue Insert Fittings	5 Years	Must be installed per published installation instructions.
Sprint	5 Years	Must be installed per published installation instructions.
Tectite by Mosack Group Accessories (Connectors, supply stops, appliance outlet boxes, kits, manifolds, hoses, etc.)	5 Years	Must be installed per published installation instructions.
Tectite by Mosack Group Push-To-Connect Fittings	Lifetime	For exclusive use with: PEX - ASTM F876/CSA B137.5 Copper - ASTM B 88 hard drawn copper tube K, L, & M CPVC - ASTM D2846 or CSA B137.6 PE-RT - ASTM F2769
Tectite by Mosack Group Push-To-Connect Fittings in HDPE Applications	5 Years	For exclusive use with HDPE SDR-9 ASTM D2737.
Tectite by Mosack Group Tools	5 Years	From date of purchase and when used in accordance with instructions.
Tectite by Mosack Group Valves	5 Years	Must be installed per published installation instructions.
Tectite Electrical by TMG	25 Years	From date of purchase and when used in accordance with instructions.

TERMS AND CONDITIONS OF PURCHASE

1. Seller's acceptance of the offer represented by this purchase order issued by The Mosack Group, Inc., is expressly limited and subject to these Terms and Conditions, irrespective of any other terms or conditions proposed by Seller. Any such terms or conditions proposed by Seller are hereby rejected by The Mosack Group, Inc., and shall be void and unenforceable.
2. Delivery in whole or in part of the goods to be furnished hereunder shall constitute acceptance of this order, subject to these Terms and Conditions. This is the entire contract between The Mosack Group Inc. and Seller concerning the subject hereof, and no changes of any kind whatsoever are binding on The Mosack Group Inc. unless they are in writing and signed by an authorized representative of The Mosack Group Inc..
3. Seller must provide the goods as indicated on this purchase order and/or therein designated documents. Seller shall not substitute any materials without The Mosack Group Inc.'s written consent. Seller shall indicate The Mosack Group Inc. purchase order number on the shipping documents, which shall indicate Seller's full compliance with the requirements of this order and therein designated documents.
4. When partial shipments are made for the convenience of Seller, additional transportation costs shall be paid entirely by Seller. Any partial or early shipment must be agreed to in writing by The Mosack Group Inc.
5. Blanket orders are subject to firm pricing, to be released over one year from date of first receipt of goods, unless otherwise agreed to in writing by The Mosack Group Inc.
6. Do not execute this order at higher pricing than shown, or previously charged without our written consent.
7. Seller shall deliver the goods to The Mosack Group Inc. on the date(s) indicated in this purchase order. If Seller fails to make delivery of any part of the goods on the date(s) indicated, The Mosack Group Inc. may terminate the purchase order and have no further obligation hereunder, and pursue all other available remedies.
8. All tooling shall remain the property of The Mosack Group Inc., and subject to return upon The Mosack Group Inc.'s request, without additional charge.
9. Seller agrees to comply with all local, state and federal laws, regulations and orders pertaining to the fulfillment of this purchase order, including without limitation, all such laws and regulations regarding equal employment nondiscrimination and affirmative action, if any, specifically including but not limited to the provision of Title VII of the Civil Rights Act of 1964, Executive order 11246 Section 503 of the Rehabilitation Act of 1973, Section 402 of the Vietnam Era Veterans Readjustment Assistance Act, The Toxic Substance Control Act, The Occupational Safety and Health Act, The National Labor Relations Act, The Immigration Reform and Control Act and all binding rules, regulations and relevant orders of any regulatory bodies issued pursuant to any of the above.
10. Seller agrees to indemnify, defend and hold harmless The Mosack Group, Inc. and its successors and assigns from and against any and all claims, demands, liabilities, costs, suits or actions, including all reasonable expenses, attorney fees, lost profits, consequential damages or any other type of damage, including without limitation, injuries to or the death of any person and loss of or damage to any property, including the property of The Mosack Group, Inc. (collectively, "Losses"), alleged to have been caused, in whole or in part, by or resulting from the goods and/or services covered by this purchase order or any breach hereof, or negligence of Seller or its employees, agents, or subcontractors. Without limiting the generality of the foregoing, Seller agrees to indemnify, defend and hold harmless The Mosack Group, Inc. and its successors and assigns from and against any and all Losses arising from or otherwise related to any actual or alleged infringement of any intellectual property rights, including without limitation, patent and trademark rights.
11. All purchase orders, including The Mosack Group, Inc. Terms and Conditions, transmitted electronically constitute binding contracts and are deemed to be the equivalent of written and signed documents.
12. Any and all disputes arising from or otherwise related to this purchase order or these Terms and Conditions shall be resolved exclusively through binding arbitration under the Rules of Arbitration of the International Chamber of Commerce by one or more arbitrators appointed in accordance with said Rules. The place of arbitration shall be Charlotte, North Carolina, USA. The arbitration shall be conducted entirely in English.
13. This purchase order and these Terms and Conditions shall be governed by the law of North Carolina, USA.

PO Terms and Conditions (Rev.A 1/1/2019)

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