

WELCOME



Thank you for your interest in the Mosack Group family of products. We have added over 100 new items to our vast line of products for 2023! Please peruse this catalog to see our new items provided for the needs of your customers.

Additionally, we have expanded our headquarters in 2022. We recently completed construction on an additional 106,000 sq. ft of warehouse and manufacturing space behind our current building. We now have over 230,000 sq ft. of space to serve our customers better.

We look forward to continue proving our mettle as the most comprehensive potable water product line provider in retail to you and your staff.

The Mosack Group, Inc.



2 www.**ApolloFlow**.com

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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.

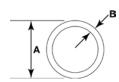
Apollo Expansion PEX pipe is produced using the high-pressure peroxide method for cross-linked polyethylene (PEXa) in accordance with ASTM F876, F877, CSA B137.5 and PPI TR-3, and is certified to NSF 14/61 standards. Apollo Expansion PEX pipe also meets the requirements of ASTM F2023 for chlorine resistance.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

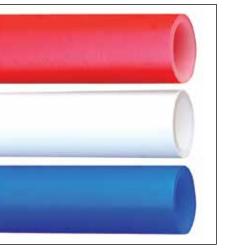


Features

- 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 Ib/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 3306 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) ProPEXTM. (ProPEXTM 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	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	8 10053 46157 o
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
		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 10053 46158 7
EPPR10012S	1/2 in. x 100 ft. Red PEX-A Expansion Pipe Coil	1	8975534 8 50003 46537 1
EPPR30012S	1/2 in. x 300 ft. Red PEX-A Expansion Pipe Coil	1	8975567 8 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 10053 46159 4
EPPR10034S	3/4 in. x 100 ft. Red PEX-A Expansion Pipe Coil	1	8975617 8 50003 46538 8
EPPR30034S	3/4 in. x 300 ft. Red PEX-A Expansion Pipe Coil	1	8975658 8 50003 46540 1
EPPR1001S	1 in. x 100 ft. Red PEX-A Expansion Pipe Coil	1	8975690 8 50003 46536 4





Part Number	Description	Carton Qty	UPC
WHITE PEX-A P	IPE		
EPPW512	1/2 in. x 5 ft. White PEX-A Expansion Pipe Stick	25	8975518
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	1 91988 00608 2
EPPW10012	1/2 in. x 100 ft. White PEX-A Expansion Pipe Coil	1	8975526 8975526 84303
EPPW30012	1/2 in. x 300 ft. White PEX-A Expansion Pipe Coil	1	8975575 8975575 84313
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 8975591 84314
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	1 91988 00610 5
EPPW10034	3/4 in. x 100 ft. White PEX-A Expansion Pipe Coil	1	8975609 70750 84321
EPPW30034	3/4 in. x 300 ft. White PEX-A Expansion Pipe Coil	1	8975666 70750 ¹ 84326 ¹
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
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	1 91988 00611 2
EPPW1001	1 in. x 100 ft. White PEX-A Expansion Pipe Coil	1	8975682
EPPW3001	1 in. x 300 ft. White PEX-A Expansion Pipe Coil	1	8975732 6 70750 84369 3

Available soon!
EPPW20114
11/4 in. x 20 ft.

EPPW100114 11/4 in. x 100 ft.

EPPW20112 1½ in. x 20 ft.

EPPW100112 1½ in. x 100 ft.

> EPPW202 2 in. x 20 ft.

Call us for pricing - 888-229-2874

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].)



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

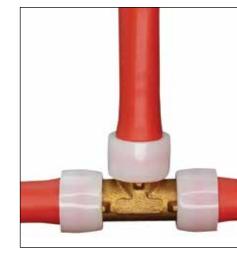
• Rated 200°F and 200 psi

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

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

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



- 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.







APOLLO PEX



Part Number	Description	Carton Qty	UPC
PEX-A COUPLINGS			
EPXC1212	1/2 in. Brass PEX-A Barb Coupling	50	8975088 8 50003 46511 1
EPXC1234	1/2 in. x 3/4 in. Brass PEX-A Barb Reducing Coupling	25	8975104 8 50003 46512 8
EPXC3434	3/4 in. Brass PEX-A Barb Coupling	50	8975096 8 50003 46513 5
EPXC341	1 in. x 3/4 in. Brass PEX-A Barb Reducing Coupling	5	8975120 8975120 70750 ¹ 83946 ¹
EPXC11	1 in. Brass PEX-A Barb Coupling	5	8975112 70750 83945 0
PEX-A x POLYBUTY	LENE COUPLINGS		









3/4 in. Brass PEX-A Barb x 3/4 in. Sch. 40 PVC



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- 14	•		
385			
100			
1,125	-		
100	100 mar	-	
0.75			
	30 B	DOM: NO	

EPXPVC34	Straight Adapter	10	1 91988 00407 1
PEX-A ELBO	DWS		
EPXE1212	1/2 in. Brass PEX-A Barb 90° Elbow Fitting	50	8975245 8 50003 46514 2
EPXE1234	1/2 in. x 3/4 Brass PEX-A Barb Reducing 90° Elbow	5	8975310 8975310 84203
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 8975260 84034

25

25

Part Number	Description	Carton Qty	UPC
	PEX-A [DROP E	AR ELBOWS
EPXDEE12	1/2 in. Brass PEX-A Barb x 1/2 in. FPT 90° Drop-Ear Elbow	5	8975203
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 70750 84020 3
	PEX	-A FEM	ALE ELBOW
EPXFE12S	1/2 in. Brass PEX-A Barb x 1/2 in. FNPT Female Swivel 90° Elbow	5	8975237 70750 84211 5
	PE	X-A MA	LE ELBOWS
EPXME1212	1/2 in. Brass PEX-A Barb x 1/2 in. MNPT 90° Male Elbow	25	8976813 8 50003 46524 1
	PEX-A F	EMALE	ADAPTERS
EPXFA1212	1/2 in. Brass PEX-A Expansion x 1/2 in. FPT Female Adapter	50	8976896 8 50003 46516 6
EPXFA12S	1/2 in. Brass PEX-A Expansion x 1/2 in. FPT Swivel Female Adapter	5	8975955 70750 ⁸⁴²⁴¹
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 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 70750 84244 3
EPXFA341	3/4 in. Brass PEX-A Barb x 1 in. FNPT Female Adapter	5	8975377 70750 84080 7
EPXFA1	1 in. Brass PEX-A Barb x 1 in. FNPT Female Adapter	5	8975369 8975369 70750 ⁸⁴⁰⁵⁷















	PEX- <i>F</i>	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 Male Adapter	5	8975443 70750 84117
EPXMA3412	3/4 in. Brass PEX-A Barb x 1/2 in. MNPT Male Adapter	5	8975450 8975450 8975450 84145
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 Male Adapter	5	8975427 8975427 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
		CVA/EAT	A D A DTEDC



EPXMA11	Male Adapter	5	6 70750 84111 8
	PEX-A MAL	E 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
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. Male Sweat Adapter	5	8975864
EPXMSA11	1 in. Brass PEX-A Barb x 1 in. Male Sweat Adapter	25	8976847 8 50003 46527 2
		14/14/14	ApolloElow com

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
EPXT341212	3/4 in. x 1/2 in. x 1/2 in. Brass PEX-A Barb Reducing Tee	5	8976003
EPXT341234	3/4 in. x 1/2 in. x 3/4 in. Brass PEX-A Barb Reducing Tee	5	8976011 70750 84041
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 70750 84053
EPXT1134	1 in. x 1 in. x 3/4 in. Brass PEX-A Barb Reducing Tee	5	8976060
EPXT11	1 in. Brass PEX-A Barb Tee	5	8976078
	PEX	-A DRC	OP EAR TEES
EPXDET12	1/2 in. Brass PEX-A Barb x Brass PEX Barb x Female Pipe Thread Drop-Ear Tee	10	1 91988 00372 2
EPXDET34	3/4 in. Brass PEX-A Barb x Brass PEX Barb x Female Pipe Thread 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 ELBO	WS (continued)	
EPXPAE3425PK	3/4 in. Poly-Alloy PEX-A Expansion Barb 90° Elbow (25-Pack)	PRO 25 Pack	8 10053 46264 5	
EPXPAE15PK	1 in. Poly-Alloy PEX-A Expansion Barb 90° Elbow (5-Pack)	5	8975302 70750 84277 1	
	Р	EX-A FEMAL	LE ELBOWS	
EPXPAFES125PK	1/2 in. Poly-Alloy PEX-A Barb x 1/2 in. FPT Female Swivel Elbow (5-Pack	()	8 10053 46268 3	
EPXPAFES1225PK	1/2 in. Poly-Alloy PEX-A Barb x 1/2 in. FP Female Swivel Elbow (25-Pack)	PRO 25 Pack	8 10053 46267 €	_
		PEX-A MAL	LE ELBOWS	
EPXPAME125PK	1/2 in. Poly-Alloy PEX-A Barb x 1/2 in. MPT Male Elbow (5-Pack)		8 10053 46276 8	
EPXPAME1225Pk	1/2 in. Poly-Alloy PEX-A Barb x 1/2 in. MPT Male Elbow (25-Pack)	PRO 25 Pack	8 10053 46275 1	
	PEX	C-A FEMALE	ADAPTERS	
EPXPAF12S5PK	1/2 in. Poly-Alloy PEX-A Barb x 1/2 in. FPT Female Swivel Adapter (5-Pac	k)	8 10053 46266 9	
EPXPAF12S25PK	1/2 in. Poly-Alloy PEX-A Barb x 1/2 in. FPT Female Swivel Adapter (25-Pag	PRO (k) ^{25 Pack}	8 10053 46265 2	
	Р	EX-A MALE	ADAPTERS	- Innum
EPXPAM1210PK	1/2 in. Poly-Alloy PEX-A Barb x 1/2 in. MNPT Male Adapter (10-Pack)	5	8975435	
EPXPAM1225PK	1/2 in. Poly-Alloy PEX-A Barb x 1/2 in. MNPT Male Adapter (25-Pack)	PRO 25 Pack	8 10053 46269 C	
EPXPAM12345PK	1/2 in. Poly-Alloy PEX-A Barb x 3/4 in. MNPT Male Adapter (5-Pack)		8 10053 46271 3	
EPXPAM123425PK	1/2 in. Poly-Alloy PEX-A Barb x 3/4 in. MNPT Male Adapter (25-Pack)	PRO 25 Pack	8 10053 46270 G	
EPXPAM345PK	3/4 in. Poly-Alloy PEX-A Barb x 3/4 in. MNPT Male Adapter (5-Pack)		8 10053 46274 4	
EPXPAM3425PK	3/4 in. Poly-Alloy PEX-A Barb x 3/4 in. MNPT Male Adapter (25-Pack)	PRO 25 Pack	8 10053 46273 7	
EPXPAM15PK	1 in. Poly-Alloy PEX-A Barb x 1 in. MNPT Male Adapter (5-Pack)		8 10053 46272 0	







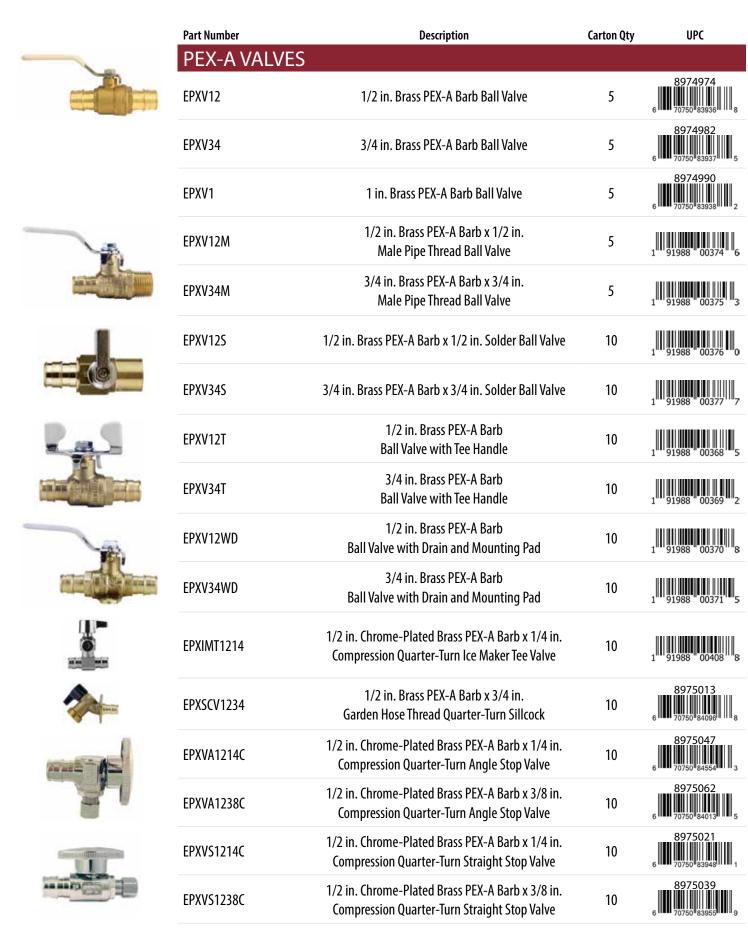
EPXM21PT	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Poly Alloy 3-Port Branch Multi-Port Tee	10	8 10053 46235 5
EPXM22PT	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Poly Alloy 4-Port Branch Multi-Port Tee	10	8 10053 46236 2
EPXM44PT	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Poly Alloy 8-Port Branch Multi-Port Tee	10	8 10053 46237 9
EPXM21PTO	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Poly Alloy 3-Port Flow-Through Opposing Tee	10	8 10053 46233 1
EPXM22PTO	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Poly Alloy 4-Port Flow-Through Opposing Tee	10	8 10053 46234 8
EPXM33PTO	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Poly Alloy 6-Port Flow-Through Opposing Tee	10	8 10053 46245 4



	3 3		
PEX-A TEES			
EPXPAT1210PK	1/2 in. Poly-Alloy PEX-A Barb Tee (10-Pack)	10	8976086 6 70750 84284 9
EPXPAT1225PK	1/2 in. Poly-Alloy PEX-A Barb Tee (25-Pack)	ck -	8 10053 46286 7
EPXPAT1225JR	1/2 in. Poly-Alloy PEX-A Barb Tee (25-Pack Jar)		8 10053 46336 S
EPXPAT121234	1/2 in. x 1/2 in. x 3/4 in. Poly-Alloy PEX-A Barb Tee		8 10053 46284 3
EPXPAT12123425PK	1/2 in. x 1/2 in. x 3/4 in. Poly-Alloy PEX-A Barb Tee (25-Pack)	k	8 10053 46285 C
EPXPAT341212	3/4 in. x 1/2 in. x 1/2 in. Poly-Alloy PEX-A Barb Reducing Tee	20	1 91988 00178 0

Part Number	Description	Carton Qty	UPC
	F	PEX-AT	EES (continued)
EPXPAT34121225PK	3/4 in. x 1/2 in. x 1/2 in. Poly-Alloy PEX-A Barb Reducing Tee (25-Pack)		8 10053 46291 1
EPXPAT341234	3/4 in. x 1/2 in. x3/4 in. Poly-Alloy PEX-A Barb Reducing Tee	20	8 10053 46292 8
EPXPAT34123425PK	3/4 in. x 1/2 in. x 3/4 in. Poly-Alloy PEX-A Barb Reducing Tee (25-Pack)		8 10053 46293 E
EPXPAT343412	3/4 in. x 3/4 in. x 1/2 in. Poly-Alloy PEX-A Barb Reducing Tee	20	1 91988 00177 3
EPXPAT34341225PK	3/4 in. x 3/4 in. x 1/2 in. Poly-Alloy PEX-A Barb Reducing Tee (25-Pack)		8 10053 46295
EPXPAT3410PK	3/4 in. Poly-Alloy PEX-A Barb Tee (10-Pack)	5	8976094
EPXPAT3425PK	3/4 in. Poly-Alloy PEX-A Barb Tee (25-Pack)		8 10053 46294 2
EPXPAT1112	1 in. x 1 in. x 1/2 in. Poly-Alloy PEX-A Barb Tee		8 10053 46280 5
EPXPAT111210PK	1 in. x 1 in. x 1/2 in. Poly-Alloy PEX-A Barb Tee (10-Pack)		8 10053 46281 2
EPXPAT343415PK	3/4 in. x 3/4 in. x 1 in. Poly-Alloy PEX-A Barb Tee (5-Pack)		8 10053 46232 4
EPXPAT13434	1 in. x 3/4 in. x 3/4 in. Poly-Alloy PEX-A Barb Reducing Tee		8 10053 46289 B
EPXPAT1343410PK	1 in. x 3/4 in. x 3/4 in. Poly-Alloy PEX-A Barb Reducing Tee (10-Pack)		8 10053 46290 4
EPXPAT1341	1 in. x 3/4 in. x 1 in. Poly-Alloy PEX-A Barb Reducing Tee		8 10053 46287 4
EPXPAT134110PK	1 in. x 3/4 in. x 1 in. Poly-Alloy PEX-A Barb Reducing Tee (10-Pack)		8 10053 46288 1
EPXPAT1134	1 in. x 1 in. x 3/4 in. Poly-Alloy PEX-A Barb Reducing Tee		8 10053 46282 9
EPXPAT113410PK	1 in. x 1 in. x 3/4 in. Poly-Alloy PEX-A Barb Reducing Tee (10-Pack)		8 10053 46283 G
EPXPAT15PK	1 in. Poly-Alloy PEX-A Barb Tee (5-Pack)	5	8976110 6 70750 89605 7
EPXPAT1110PK	1 in. Poly-Alloy PEX-A Barb Tee (10-Pack)		8 10053 46279 g





Part Number	Description	Carton Qty	UPC	
	PE	X-A VAL	VES (continued)	
EPXVS123838C	1/2 in. Chrome-Plated Brass PEX-A Barb x 3/8 in. Compression Dual Outlet Quarter-Turn Straight Stop Valve	10	1 91988 00410 1	
EPXVT123838C	1/2 in. Chrome-Plated Brass PEX-A Barb x 3/8 in. Compression Dual Outlet Quarter-Turn Angle Stop Valve	10	1 91988 00409 5	
EPXPRV34WG	3/4 in. Bronze Double Union PEX-A Barb Water Pressure Regulator with Gauge	3	1 91988 01978 5	12
	P	PEX-A AC	CESSORIES	
EPXBOXIM	1/2 in. Brass PEX-A Barb Ice Maker Outlet Box	2	6 70750 96076 5	
EPXB0XWM	1/2 in. Brass PEX-A Barb Washing Machine Outlet Box	3	6 70750 96065 9	1 1
EPXB0XWMWH	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 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	4
EPXSTUBWE12	8 in. x 1/2 in. Copper PEX-A Barb Stub-Out 90° Elbow with Flange	10	8975807 8975807 80770184014	4
EPXSTUBWE34	8 in. x 3/4 in. Copper PEX-A Barb Stub-Out 90° Elbow with Flange	10	8975815 8975815 89750 ¹⁸ 84015	
APXTALON	1/2 in. and 3/4 in. 2-in-1 PEX Pipe J-Hook Pipe Support (10-Pack)	12	1 91988 00455 2	
APXTALON40JR	1/2 in. and 3/4 in. 2-in-1 PEX Pipe J-Hook Pipe Support (40-Pack Jar)	ck R	1 91988 00566 5	
APXSUSCLAMPU	1/2 - 1 in. Universal Plastic Insulated Stud Suspension Clamp (10-Pack)	6	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 8974784 8974784 8974784 8974784 8974784	,
APXGRIP12	1/2 in. Grip Right Pipe Support	24	Available Soon!	
	3/4 in. Grip Right Pipe Support	12	Contact us for	

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EPXS125PK	1 in. PEX-A Expansion Sleeve/Ring (25-Pack)	10	6 70750 84219 1
PEX-A TOOLS			
EPXTOOLKIT	PEX-A Expansion Tool Kit with 1/2 in., 3/4 in. and 1 in. Expander Heads	3	8976128 8976128 8976128
EPXTOOL	PEX-A Expansion Tool (Tool-Only)	3	8976169 6 70750 84300
EPXHEAD12	1/2 in. PEX-A Expander Head	5	8976136 8976136 70750 84295
EPXHEAD34	3/4 in. PEX-A Expander Head	5	8976144 8976144 6 70750 84297
EPXHEAD1	1 in. PEX-A Expander Head	5	8976151 8976151 70750 84299
69PTKC001	1/2 in. to 1 in. Pipe Cutter	6	8974727

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.

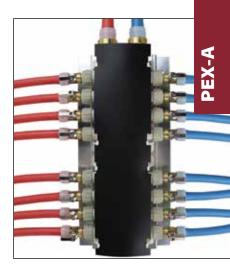
Each manifold system is individually boxed, and includes red and blue labels for indicating the destination fixtures. Keep the manifold in it's carton until ready for installation. Protect the manifold from dust and debris until plumbing system is fully installed.

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.









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Part Number	Description	Carton Qty	UPC			
PEX-A MANIFOLD SYSTEMS						
EPXMANI12	12-Port PEX-A Manifold with 1/2 in. Valves	1	8 10053 46062 7			
EPXMANI16	16-Port PEX-A Manifold with 1/2 in. Valves	1	8 10053 46063 4			
EPXMANI20	20-Port PEX-A Manifold with 1/2 in. Valves	1	8 10053 46064 1			
EPXMANI24	24-Port PEX-A Manifold with 1/2 in. Valves	1	8 10053 46065 8			
EPXMANI28	28-Port PEX-A Manifold with 1/2 in. Valves	1	8 10053 46066 5			
EPXMANI32	32-Port PEX-A Manifold with 1/2 in. Valves	1	8 10053 46067 2			
EPXMANI36	36-Port PEX-A Manifold with 1/2 in. Valves	1	8 10053 46068 9			
PEX-A POLY ALLOY MANIFOLDS						





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 8975468 8975468
EPXM6PT	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Barb Poly-Alloy 6-Port Closed Manifold	5	8975476 8975476 84289
EPXM2PTO	3/4 in. PEX-A Barb Inlets x 1/2 in. PEX-A Barb Poly-Alloy 2-Port Open Manifold	10	8975484 6
ЕРХМЗРТО	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 8975500 84293
EPXM4PT01	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

Part Number	Description	Carton Qty	UPC
	PEX-A MANIF	OLD AC	CESSORIES
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





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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 5006 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.

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Part Number	Description	Carton Qty	UPC
		BLUE	PEX-B PIPE
APPB212	1/2 in. x 2 ft. Blue PEX Pipe Stick	60	6 70750 95407 8
APPB512	1/2 in. x 5 ft. Blue PEX Pipe Stick	20	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
APPB234	3/4 in. x 2 ft. Blue PEX Pipe Stick	30	6 70750 95412 2
APPB534	3/4 in. x 5 ft. Blue PEX Pipe Stick	10	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
APPB50034	3/4 in. x 500 ft. Blue PEX Pipe Coil	1	7059678
APPB1001	1 in. x 100 ft. Blue PEX Pipe Coil	1	7003072 6 70750 99040 3



Part Number	Description	Carton Qty	UPC
RED PEX-B PIPE			
APPR212	1/2 in. x 2 ft. Red PEX Pipe Stick	60	6 70750 95429 0
APPR512	1/2 in. x 5 ft. Red PEX Pipe Stick	20	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	6 70750 95432 0
APPR534	3/4 in. x 5 ft. Red PEX Pipe Stick	10	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 70750 75437
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	6 70750 95446 7
APPW212	1/2 in. x 2 ft. White PEX Pipe Stick	60	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 70750 69997
APPW50012	1/2 in. x 500 ft. White PEX Pipe Coil	1	7059652
APPW234	3/4 in. x 2 ft. White PEX Pipe Stick	30	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
APPW50034	3/4 in. x 500 ft. White PEX Pipe Coil	1	7059694

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Part Number	Description	Carton Qty	UPC
WHITE PEX-B PIF	PE (continued)		
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
APPW5001	1 in. x 500 ft. White PEX Pipe	1	7227069

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



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

<u>Approvals</u>

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

Pressure & Temperature

• 160 psi @ 73° F, 100 psi @ 180° F

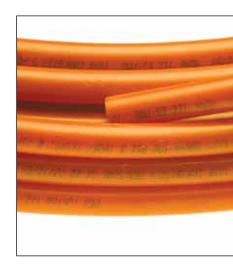
PEX Oxygen Barrier Tubing				
Part #	Size (CTS)	Length	O.D.	Nom. I.D.
APP0B10012	1/2"	100'	0.625±.004	0.475
APP0B30012	1/2"	300'	0.625±.004	0.475
APPOB50012	1/2"	500'	0.625±.004	0.475
APP0B100012	1/2"	1000'	0.625±.004	0.475
APPOB1034	3/4"	10'	0.875±.004	0.671
APP0B10034	3/4"	100'	0.875±.004	0.671
APPOB30034	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.







APOLLO PEX

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¹ http://en.wikipedia.org/wiki/Cross-linked polyethylene



Part Number	Description	Carton Qty	UPC
OXYGEN BAI	RRIER PEX-B PIPE		
APP0B10012	1/2 in. x 100 ft. Oxygen Barrier Radiant Heating PEX Pipe Coil	1	6 70750 95450 4
APP0B30012	1/2 in. x 300 ft. Oxygen Barrier Radiant Heating PEX Pipe Coil	1	7005275 6 70750 75424 1
APP0B50012	1/2 in. x 500 ft. Oxygen Barrier Radiant Heating PEX Pipe Coil	1	6 70750 51982
APP0B100012	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

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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.



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.

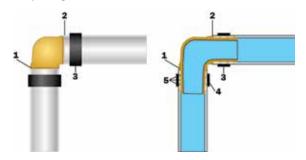
Approvals:

- 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

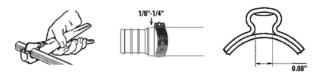
Installation:

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. Pro crimp rings, pro 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 closes 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









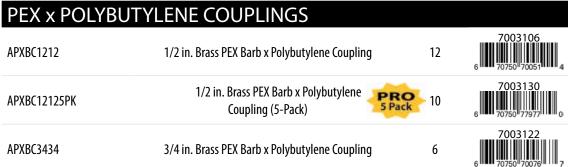


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Part Number COUPLINGS	Description	Carton Qty	UPC
APXC3838	3/8 in. Brass PEX Barb Coupling	12	7003148
APXC1238	1/2 in. x 3/8 in. Brass PEX Barb Reducing Coupling	12	7003189
APXC1212	1/2 in. Brass PEX Barb Coupling	48	7003155 6 70750 70092 7
APXC121210PK	1/2 in. Brass PEX Barb Coupling (10-Pack)	12	7003213 6 70750 70098 g
APXC1240JR	1/2 in. Brass PEX Coupling (40-Pack Jar)		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
APXC3410PK	3/4 in. Brass PEX Barb Coupling (10-Pack)	ck 6	7193394 70750 94844 2
APXC3425JR	3/4 in. Brass PEX Coupling (25-Pack Jar)		7340441 1 91988 00510 8
APXC341	1 in. x 3/4 in. Brass PEX Barb Reducing Coupling	6	7003205
APXC11	1 in. Brass PEX Barb Coupling	6	7003171 6 70750 70080 4







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
			ELBOWS
APXE12	1/2 in. Brass PEX Barb 90° Elbow	48	7003262 6 70750 70258 70258
APXE121210PK	1/2 in. Brass PEX Barb 90° Elbow (10-Pack)	PRO 0 Pack 12	7003312 6 70750 70262 4 4
APXE1240JR	1/2 in. Brass PEX Barb 90° Elbow (40-Pack Jar)	40 Pack JAR	7340458
APXE1234	3/4 in. x 1/2 in. Brass PEX Barb 90° Reducing Elbow	12	7003304
APXE3434	3/4 in. Brass PEX Barb 90° Elbow	48	7003270
APXE3410PK	3/4 in. Brass PEX Barb 90° Elbow (10-Pack)	PRO 0 Pack 6	7193402 6 70750 94856 5
APXE3425JR	3/4 in. Brass PEX Barb 90° Elbow (25-Pack Jar)	Pack JAR 2	7340466 6 70750 66883 8
APXE11	1 in. Brass PEX Barb 90° Elbow	12	7003296 6 70750 70257
		DROP E	AR ELBOWS
APXDEE12	1/2 in. Brass PEX Barb x 1/2 in. Female Pipe Thread Adapter 90° Drop-Ear Elbow	24	7003239 70750 70254
APXDEE3412	3/4 in. Brass PEX Barb x 1/2 in. Female Pipe Thread Adapter 90° Drop-Ear Elbow	10	7460629 6 70750 57076
APXDEE34	3/4 in. Brass PEX Barb x 3/4 in. Female Pipe Thread Adapter 90° Drop-Ear Elbow	10	7005333
		FEMA	LE ELBOWS
APXFAE1212	1/2 in. Brass PEX Barb x Female Swivel 90° Elbow	ı 12	7003361
APXFSE12	1/2 in. Brass PEX x Female Solder 90° Elbow	12	7422397
APXFSE34	3/4 in. Brass PEX x Female Solder 90° Elbow	12	7422405















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
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

	Maupici 30 Libon		6 70/50"2/289 9
FEMALE ADAP	PTERS – 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)	<u>-</u> 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	8 50003 46558 E
APXFA1234	1/2 in. Brass PEX Barb x 3/4 in. Female Pipe Thread Adapter	10	7059728 70750 27201 1
APXFA3412	PEX Barb 3/4 in. x 1/2 in. Brass Female Pipe Thread Adapter	10	7460637
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	8 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
APXFA11	1 in. Brass PEX Barb x 1 in. Female Pipe Thread Adapter	6	7003353 70750 70284 6
EEMALE ADAD	TERS SOLDER		



	6 70750 70284 6		
FEMALE ADA	PTERS – SOLDER		
APXFS1212	1/2 in. Brass PEX Barb x 1/2 in. Female Copper Sweat Adapter	48	7003387
APXFS1210PK	1/2 in. Brass PEX Barb x 1/2 in. Female Copper Sweat Adapter (10-Pack)	PRO 6	7003429 6 70750 94859 6
APXFS1240JR	1/2 in. Brass PEX Barb x 1/2 in. Female Copper Sweat Adapter (40-Pack Jar)	Pack 4	8 50003 46556 2
		1404	Analla Flaur cara

Part Number	Description	Carton Qty	UPC
	FEMALE ADAPTER	S – SOLE	DER (continued)
APXFS3434	3/4 in. Brass PEX Barb x 3/4 in. Female Copper Sweat Adapter	24	7003395 6 70750 70338 6
APXFS3430JR		ack 2	8 50003 46557 9
APXFSA11	1 in. Brass PEX Barb x 1 in. Female Copper Sweat Adapter	5	7003403 6 70750 70348 5
	MALE ADAI	PTERS –	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
APXMA125PK	1/2 in. Brass PEX Barb x Male Pipe Thread Adapter (5-Pack)	RO 6	7003528 6 70750 94891 6
APXMA1225JR		25 ack 4 AR	7340482 1 91988 00511 5
APXMA1234	3/4 in. Brass PEX Barb x 1/2 in. Male Pipe Thread Reducing Adapter	12	7003486
APXMA3412	1/2 in. Brass PEX Barb x 3/4 in. Male Pipe Thread Reducing Adapter	24	7003510 70750 70431 4
APXMA3434	3/4 in. Brass PEX Barb x Male Pipe Thread Adapter	24	7003460 70750 70438 3
APXMA34345PK	3/4 in. Brass PEX Barb x Male Pipe Thread Adapter (5-Pack)	ovack 5	7003536 70750 70462 8
APXMA3425JR		ack AR 2	7340490
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
APXMA11	1 in. Brass PEX Barb x Male Pipe Thread Adapter	12	7003478
	MALE AI	DAPTERS	S – SOLDER
APXMS1212	1/2 in. Brass PEX Barb x Male Copper Sweat Adapter	24	7003544

1/2 in. Brass PEX Barb x Male

Copper Sweat Adapter (10-Pack)







APXMS121210PK







PRESS 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

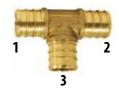


TEST PLUGS				
APXP12	1/2 in. Brass PEX Barb Plug		24	7003577
APXP125PK	1/2 in. Brass PEX Barb Plug (5-Pack)	PRO 5 Pack	6	7193410 6 70750 94925 8
APXP34	3/4 in. Brass PEX Barb Plug		12	7003585 70750 70482



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 g
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	7003718 6 70750 70630 1
APXT1225JR	1/2 in. Brass PEX Barb Tee (25-Pack Jar) 25 Pack JAR	4	7340524 6 70750 66885 2
APXT121234	1/2 in. x 1/2 in. x 3/4 in. Brass PEX Barb Reducing Tee	12	7003643 70750 77984 8
APXT341212	3/4 in. x 1/2 in. x 1/2 in. Brass PEX Barb Reducing Tee	12	7003668
APXT341234	3/4 in. x 1/2 in. x 3/4 in. Brass PEX Barb Reducing Tee	12	7003676 7003676 70050 70053 0

Part Number	Description	Carton Qty	UPC
		T	EES (continued)
APXT343412	3/4 in. x 3/4 in. x 1/2 in. Brass PEX Barb Reducing Tee	24	7003684 6 70750 69801
APXT3434125PK	3/4 in. x 3/4 in. x 1/2 in. Brass PEX Barb Reducing Tee (5-Pack)	> 5	7003734 6 70750 69802 69802
APXT34	3/4 in. Brass PEX Barb Tee	24	7003627
APXT3410PK	3/4 in. Brass PEX Barb Tee (10-Pack)	<u>}</u> 6	7193436 70750 94926 5
APXT3425JR	3/4 in. Brass PEX Barb Tee (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 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
		DRO	P EAR TEES
APXDET12	1/2 in. Brass PEX Barb x PEX Barb x Female Pipe Thread Drop-Ear Tee	12	7422371
APXDET34	3/4 in. Brass PEX Barb x PEX Barb x Female Pipe Thread Drop-Ear Tee	12	7422389
			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







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Part Number	Description	Carton Qty	UPC
COUPLINGS			
PXPAC125PK	1/2 in. Plastic PEX Barb Coupling (5-Pack)	24	8976201 6 70750 95044 5
PXPAC1250PK	1/2 in. Plastic PEX Barb Coupling (50-Pack)		8 10053 46298 0
PXPAC12100JR	1/2 in. Plastic PEX Barb Coupling (100-Pack Jar)		8976599
PXPAC34125PK	3/4 in. x 1/2 in. Plastic PEX Barb Reducing Coupling (5-Pack)	12	8976607 6 70750 95046 9
PXPAC341225PK	3/4 in. x 1/2 in. Plastic PEX Barb Reducing Co (25-Pack)	ck	8 10053 46299 7
PXPAC345PK	3/4 in. Plastic PEX Barb Coupling (5-Pack)	18	8976227 8976227 6 70750 95059 9
PXPAC3425PK	3/4 in. Plastic PEX Barb Coupling (25-Pack)	ck	8 10053 46300 0
PXPAC3450JR	3/4 in. Plastic PEX Barb Coupling (50-Pack Jar) Solution 150 Pack Jar)		1 91988 00359 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
PXPAC1110PK	1 in. Plastic PEX Barb Coupling (10-Pack)	ck	8 10053 46296 6
PXPAC1125PK	1 in. Plastic PEX Barb Coupling (25-Pack)	ck	8 10053 46297 3



TAIACTIZITA	41h	(25-Pack)	25 Pack		8 10053 46297 3
ELBOWS					
PXPAE125PK		1/2 in. Plastic PEX Barb 90° Elbow (5-Pack)		24	8976243 6 70750 95074 2
PXPAE1250PK	MEM!	1/2 in. Plastic PEX Barb 90° Elbow (50-Pack)	PRO 50 Pack		8 10053 46302 4
PXPAE1265JR		1/2 in. Plastic PEX Barb 90° Elbow (65-Pack Jar)	65 Pack JAR	2	8976557
PXPAE12345PK	1/2 ir	ı. x 3/4 in. Plastic PEX Barb Reducing 90 (5-Pack))º Elbow	12	8976623 6 70750 95071 1
PXPAE123425PK	1/2 in	ı. x 3/4 in. Plastic PEX Barb Reducing 90 (25-Pack)	PRO 25 Pack		8 10053 46301 7

Part Number	Description	Carton Qty	UPC
		ELBO	WS (continued)
PXPAE345PK	3/4 in. Plastic PEX Barb 90° Elbow (5-Pack)	18	8976250 6 70750 95077 3
PXPAE3425PK	3/4 in. Plastic PEX Barb 90° Elbow (25-Pack)	ck	8 10053 46303 1
PXPAE3430JR	3/4 in. Plastic PEX Barb 90° Elbow (30-Pack Jar)	2	1 91988 00363 0
PXPAE115PK	1 in. Plastic PEX Barb 90° Elbow (5-Pack)	12	8976615 6 70750 95065 0
		FEMA	LE ELBOWS
PXPAFES125PK	1/2 in. Plastic PEX Barb x Female Swivel 90° Elbow (5-Pack)	12	8976268 6 70750 95084 1
PXPAFES1225PK	1/2 in. Plastic PEX Barb x Female Swivel		8 10053 46307 9
PXPAFES12345PK	1/2 in. Plastic PEX Barb x 3/4 in. Female Swivel 90° Elbow (5-Pack)		8 10053 46238 6
PXPAFES34125PK	3/4 in. Plastic PEX Barb x 1/2 in. Female Swivel 90° Elbow (5-Pack)		8 10053 46239 3
PXPAFES345PK	3/4 in. Plastic PEX Barb x Female Swivel 90° Elbow (5-Pack)		8 10053 46246 1
PXPAFES1345PK	1 in. Plastic PEX Barb x 3/4 in. Female Swivel 90° Elbow (5-Pack)		8 10053 46240 9
		MA	LE ELBOWS
PXPAME125PK	1/2 in. Plastic PEX Barb x Male Pipe Thread 90° Elbow (5-Pack)	6	6 70750 95101 5
PXPAME1225PK	1/2 in. Plastic PEX Barb x Male Pipe Thread PRC 90° Elbow (25-Pack)		8 10053 46314 7
PXPAME12345PK	1/2 in. Plastic PEX Barb x 3/4 in. Male Pipe Thread 90° Elbow (5-Pack)		8 10053 46247 8
PXPAME34125PK	3/4 in. Plastic PEX Barb x 1/2 in. Male Pipe Thread 90° Elbow (5-Pack)		8 10053 46248 5
PXPAME341225PK	3/4 in. Plastic PEX Barb x 1/2 in. Male Pipe PRO Thread 90° Elbow (25-Pack)	ck	8 10053 46315 4
PXPAME345PK	3/4 in. Plastic PEX Barb x Male Pipe Thread 90° Elbow (5-Pack)		8 10053 46318 5
PXPAME3425PK	3/4 in. Plastic PEX Barb x Male Pipe Thread 90° Elbow (25-Pack)		8 10053 46317 8







PEX-B PRODUCTS







MALE ADAPT	ERS		
PXPAM125PK	1/2 in. Plastic PEX Barb x Male Pipe Thread Adapter (5-Pack)	12	8976276 6 70750 95091 9
PXPAM1225PK	1/2 in. Plastic PEX Barb x Male Pipe Thread Adapter (25-Pack)	-	8 10053 46308 6
PXPAM1240JR	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)		8 10053 46310 9
PXPAM123425PK	1/2 in. Plastic PEX Barb x 3/4 in. Male Pipe Thread Adapter (25-Pack)		8 10053 46309 3
PXPAM34125PK	3/4 in. Plastic PEX Barb x 1/2 in. Male Pipe Thread Adapter (5-Pack)	6	8976284 6 70750 95096 4
PXPAM341225PK	3/4 in. Plastic PEX Barb x 1/2 in. Male Pipe Thread Adapter (25-Pack)		8 10053 46312 3
PXPAM345PK	3/4 in. Plastic PEX Barb x Male Pipe Thread Adapter (5-Pack)	12	8976292 6 70750 95100 8
PXPAM3425PK	3/4 in. Plastic PEX Barb x MalePipe Thread Adapter (25-Pack)	-	8 10053 46313 0
PXPAM3425JR	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)		8 10053 46311 6

Part Number	Description	Carton Qty	UPC
		T	EST PLUGS
PXPAP125PK	1/2 in. Plastic PEX Barb Plug (5-Pack)	24	8976334 6 70750 95102 2
PXPAP1250PK	1/2 in. Plastic PEX Barb Plug (50-Pack)	PRO 50 Pack	8 10053 46319 2
PXPAP12100JR	1/2 in. Plastic PEX Barb Plug (100-Pack Jar)	Pack JAR 2	1 91988 00364 7
PXPAP345PK	3/4 in. Plastic PEX Barb Plug (5-Pack)	18	8976359 6 70750 95108 4
PXPAP3425PK	3/4 in. Plastic PEX Barb Plug (25-Pack)	PRO 25 Pack	8 10053 46321 5
PXPAP3490JR	3/4 in. Plastic PEX Barb Plug (90-Pack Jar)	Pack JAR 2	1 91988 00365 4
PXPAP15PK	1 in. Plastic PEX Barb Plug (5-Pack)		6 70750 95102 2
			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)	Pack 2	8976565
PXPAT1250PK	1/2 in. Plastic PEX Barb Tee (50-Pack)	PRO 50 Pack	8 10053 46325 3
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
PXPAT12123425PK	1/2 in. x 1/2 in. x 3/4 in. Plastic PEX Barb Reducing Tee (25-Pack)	PRO 25 Pack	8 10053 46324 6
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
PXPAT34121225PK	3/4 in. x 1/2 in. x 1/2 in. Plastic PEX Barb Reducing Tee (25-Pack)	PRO 25 Pack	8 10053 46329 1
PXPAT3412345PK	3/4 in. x 1/2 in. x 3/4 in. Plastic PEX Barb Reducing Tee (5-Pack)	12	6 70750 95384 2
PXPAT34123425PK	3/4 in. x 1/2 in. x 3/4 in. Plastic PEX Barb Reducing Tee (25-Pack)	PRO 25 Pack	8 10053 46330 7
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



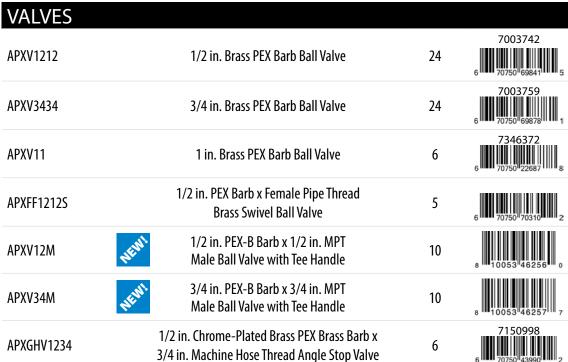


PEX-B PRODUCTS



Part Number	0	Description	Carton Qty	UPC
TEES (continue) PXPAT34341225PK	MEM!	3/4 in. x 3/4 in. x 1/2 in. Plastic PEX Barb Reducing Tee (25-Pack)	PRO 25 Pack	8 10053 46332 1
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)	Pack JAR 2	1 91988 00367 8
PXPAT3425PK	NEW!	3/4 in. Plastic PEX Barb Tee (25-Pack)	PRO 25 Pack	8 10053 46331 4
PXPAT11125PK	NEW!	1 in. x 1 in. x 1/2 in. Plastic PEX Barb Reducing Tee (5-Pack)	6	8 10053 46322 2
PXPAT11345PK	NEW!	1 in. x 1 in. x 3/4 in. Plastic PEX Barb Reducing Tee (5-Pack)	6	8 10053 46323 9
PXPAT343415PK	NEW!	3/4 in. x 3/4 in. x 1 in. Plastic PEX Barb Reducing Tee (5-Pack)		8 10053 46333 8
PXPAT134345PK	NEW!	1 in. x 3/4 in. x 3/4 in. Plastic PEX Barb Reducing Tee (5-Pack)		8 10053 46327 7
PXPAT13415PK	NEW!	1 in. x 3/4 in. x 1 in. Plastic PEX Barb Reducing Tee (5-Pack)	6	8 10053 46326 0
PXPAT15PK	NEW!	1 in. Plastic PEX Barb Tee (5-Pack)		8 10053 46328 4









Part Number	Description	Carton Qty	UPC	
		VAL	/ES (continued)	9.00
APXV12T	1/2 in. Brass PEX Barb Ball Valve with Tee Handle and Mounting Pad	6	1 91988 00567 2	
APXV34T	3/4 in. Brass PEX Barb Ball Valve with Tee Handle and Mounting Pad	6	1 91988 00568 9	
APXV12WD	1/2 in. Brass PEX Barb Ball Valve with Drain and Mounting Pad	12	7422546 1 91988 00464 4	
APXV34WD	3/4 in. Brass PEX Barb Ball Valve with Drain and Mounting Pad	6	7422553 1 91988 00465 1	
APXVA1214C	1/2 in. Chrome-Plated Brass PEX Barb x 1/4 in. Compression Quarter-Turn Angle Stop Valve	6	6 70750 57068 1	71
APXVS1214C	1/2 in. Chrome-Plated Brass PEX Barb x 1/4 in. Compression Quarter-Turn Straight Stop Valve	6	6 70750 57069 8	
APXVA1238C	1/2 in. Chrome-Plated Brass PEX Barb x 3/8 in. Compression Quarter-Turn Angle Stop Valve	24	7003775	
APXVA1238C6JR	1/2 in. Chrome-Plated Brass PEX Barb x 3/8 in. Comp. Qtr-Turn Angle Stop Valve (6-Pack Jar)	Pack 2	1 91988 00592 4	48
APXVA1238C20JR	1/2 in. PEX Barb x 3/8 in. Comp. Brass Qtr-Turn Angle Stop Valve, Chrome-Plated (20-Pack Jar)	Pack 2	8 50003 46566 1	
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)	Pack 2	1 91988 00593 1	
APXVS1238C20JR	1/2 in. PEX Barb x 3/8 in. Comp. Brass Qtr-Turn Str. Stop Valve, Chrome-Plated (20-Pack Jar)	Pack 2	8 50003 46567 8	
APXVA123838C	1/2 in. Chrome-Plated Brass PEX Barb x 3/8 in. Comp. Dual Outlet Qtr-Turn Angle Stop Valve	12	1 91988 00463 7	\$
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 	

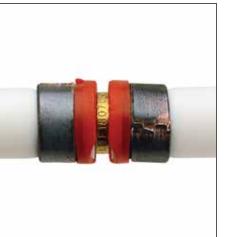




PEX-B PRODUCTS

Part Number	Description	Carton Qty	UPC
VALVES (co.	ntinued)		
APXSCV1234	1/2 in. Brass PEX Barb x 3/4 in. Garden Hose Thread Quarter-Turn Sillcock	12	1 91988 00466 8
APXSCV3434	3/4 in. Brass PEX Barb x Garden Hose Thread Quarter-Turn Sillcock	12	7422496 1 91988 00467 5
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
ACCESSO	RIES		
APXBOXIM	1/2 in. Brass PEX Barb Ice Maker Outlet Box	2	6 70750 96061 1
APXBOXWM	1/2 in. Brass PEX Barb Washing Machine Outlet Box	3	6 70750 96060 4
APXBOXWMWH	1/2 in. Brass PEX Barb Washing Machine Outlet Box with Water Hammer Arrestors	3	8 10053 46254 6
APPW14RISER	1/4 in. (3/8 in. 0.D.) x 2 ft. White PEX Pipe Riser	60	6 70750 95447 4
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
APXCSST1834	3/4 in. Brass PEX Barb x 3/4 in. Female Pipe Thread x 18 in. Corrugated Stainless Steel Water Heater Connector	6	1 91988 00562 7
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	8 50003 46569 2
APXSTP	1/2 in. NPT Shower Test Plug	60	7422512 6 70750 46946 6
APXSTUB8WE	8 in. x 1/2 in. Copper PEX Barb Stub-Out 90° Elbow with Flange	12	7059793 6 70750 35248 5
REMOVAL	TOOLS		
69PTKD0009	1/2 - 1 in. PEX Copper Crimp Ring Removal Tool	6	8974370 8974370 6 70750 19314 s
6 9PTKPCRR	PEX Pinch Clamp Removal Tool	5	8976193 8976193 8976193

Part Number	Description	Carton Qty	UPC	
		FASTEN	ING TOOLS	
69PTKH0015K	Multi-Head PEX Copper Crimp Ring Tool Kit (F-1807 and F-2159 connections)	2	7044951 70750 19308 8	
69PTKH0014C	1/2 in. and 3/4 in. PEX Copper Crimp Ring Tool (F-1807 and F-2159 connections)	2	7005317 6 70750 33890 8	or -
69PTKANG143	1/2 in. PEX Copper Crimp Ring Angle Tool (F-1807 and F-2159 connections)	1	8974792 70750 33751 2	1
69PTKANG144	3/4 in. PEX Copper Crimp Ring Angle Tool (F-1807 and F-2159 connections)	1	6 70750 33994	
69PTKH0014SS	1/2 in. and 3/4 in. PEX Stainless Steel Sleeve Tool (F-876/F877 stainless steel sleeve connections)	3	7150980	
69PTKG1096	3/8 in., 1/2 in. and 3/4 in. PEX Quick Pinch Clamp Tool (F-2098 connections)	3	1808823 6 70750 19309 5	
69PTBJ0010C	3/8 in. to 1 in. 1-Hand PEX Pinch Clamp Tool (F-2098 connections)	3	8974735 8974735 70750 19310	40
		PEX PIP	E CUTTERS	
69PTKC001	1/2 in. to 1 in. PEX Pipe Cutter	6	8974727 8974727 70750 29273 6	
69PC02PZ	1/8 in. to 1 in. Ratcheting PVC Pipe and Tubing Cutter	12	6 70750 09520 7	
PLTL82	1/2 in. Quick Cut Multi-Pipe and Tube Cutter	10	6 70750 48005 8	
PLTL83	3/4 in. Quick Cut Multi-Pipe and Tube Cutter	10	6 70750 48015 7	12
		PIP	E CUTTERS	
69PC06PZ	3/8 in. to 2 in. Ratcheting PVC Pipe and Tubing Cutter	5	6 70750 59467	711
69PC07PZ	1/4 in 1-1/4 in. CSST Tubing Cutter	5	6 70750 36164	3/200
PROTC118	1/8 in. to 1-1/8 in. Pro Fit Tubing Cutter	10	6 70750 67817 2	(a= -
PROTC2	1/2 in. to 2 in. Pro Fit Tubing Cutter	5	6 70750 67818 9	







APOLLO PEX

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 handsfree 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. $\frac{1}{2}$ in. tube = 3 in. bend radius). When making a 90° turn, use bend supports.

Part Number	Description	Carton Qty	UPC
		CF	RIMP RINGS
APXCR3810PK	3/8 in. Copper Crimp Ring (10 Pack)	5	7003791
APXCR1210PK	1/2 in. Copper Crimp Ring (10 Pack)	30	7003817 6 70750 70193 11
APXCR1225PK	1/2 in. Copper Crimp Ring (25-Pack)	PRO 24 24	7460553
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	7460546 6 70750 66889 0
APXCR3410PK	3/4 in. Copper Crimp Ring (10 Pack)	15	7003833
APXCR3425PK	3/4 in. Copper Crimp Ring (25-Pack)	PRO 12	7003841
APXCR34100JR	3/4 in. Copper Crimp Ring (100-Pack Jar)	Pack JAR	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 CF	RIMP RINGS
APXCR12LT	1/2 in. Copper Pro Crimp Ring (10-Pack)	5	7003858
APXCR12LTJR	1/2 in. Copper Pro Crimp Ring (75-Pack Jar)	75 Pack JAR	7460587
APXCR34LT	3/4 in. Copper Pro Crimp Ring (10-Pack)	5	7003866
APXCR34LTJR	3/4 in. Copper Pro Crimp Ring (75-Pack Jar)	75 Pack JAR	7460603 1 91988 00508 5



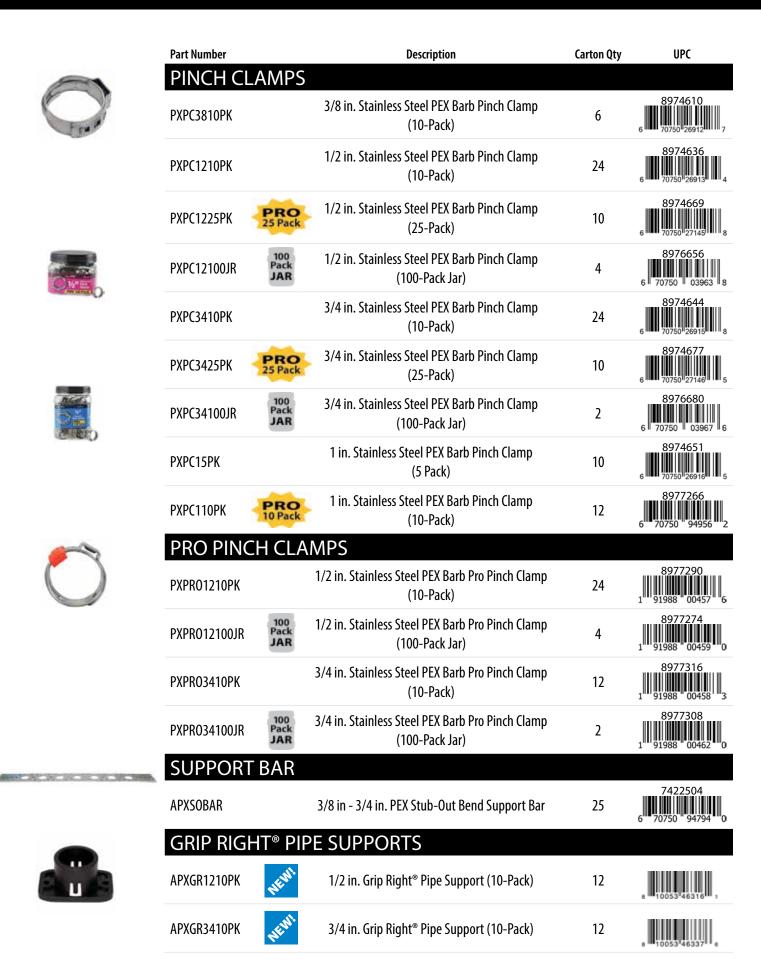






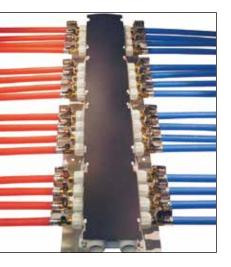
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PEX-B PRODUCTS



Part Number	Description	Carton Qty	UPC	
			SLEEVES	
PXSS1210PK	1/2 in. Stainless Steel PEX Crimp Sleeve (10-Pack)	10	8976177 8976177 6 70750 41287	
PXSS1225PK	1/2 in. Stainless Steel PEX Crimp Sleeve (25-Pack)	Pack 10	8977324 6 70750 41289 9	
PXSS3410PK	3/4 in. Stainless Steel PEX Crimp Sleeve (10-Pack)	10	8976185 70750 41290 5	
PXSS3425PK	3/4 in. Stainless Steel PEX Crimp Sleeve (25-Pack)	oack 10	6 70750 41291	
	НС	OKS AN	ID CLAMPS	MP .
APXJH1210PK	1/2 in. PEX Pipe J-Hook Pipe Support (10-Pack)	12	7193378 70750 94704 9	
APXJH3410PK	3/4 in. PEX Pipe J-Hook Pipe Support (10-Pack)	12	7193386 6 70750 94730 8	
APXTALON	1/2 in. and 3/4 in. 2-in-1 PEX Pipe J-Hook Pipe Support (10-Pack)	12	1 91988 00455 2	
APXTALON40JR	1/2 III. alia 5/4 III. 2 III TTEXTIPE	ock AR 2	1 91988 00566 5	
APXSUSCLAMP	1/2 in. Plastic Insulated Stud Suspension Clamp (10-Pack)	6	6 70750 94807 7	Q
APXSUSCLAMP34	3/4 in. Plastic Insulated Stud Suspension Clamp (10-Pack)	6	7422520 6 70750 94827 5	
APXSUSCLAMPU	1/2 - 1 in. Universal Plastic Insulated Stud Suspension Clamp (10-Pack)	6	7422538 	
		F	PIPE BENDS	
APXMBEND12	1/2 in. Metal PEX Pipe 90° Bend Support	12	7460512 6 70750 94734 6	1
APXMBEND34	3/4 in. Metal PEX Pipe 90° Bend Support	12	7460520 6 70750 94776 6	
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 8974784 70750 43739 7	, (
APXSOBEND2PK	1/2 in. Plastic PEX Pipe 90° Stub-Out Bend for Support Bar (2 Pack)	6	6 70750 94797 1	*

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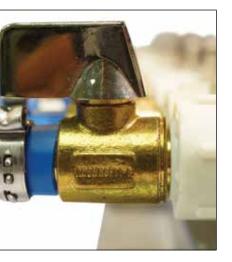




MANIFOLDS

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.

APOLLO PEX

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Part Number	Description	Carton Qty	UPC	
	M	ANIFOL	D SYSTEMS	
6907912CP	12-Port PEX Manifold with 1/2 in. Brass Ball Valves	1	8974768 8974768 58261 5	A DELLEY
6907984CP	16-Port PEX Manifold with 1/2 in. Brass Ball Valves	1	6 70750 38268 0	S. Carre
6907920CP	20-Port PEX Manifold with 1/2 in. Brass Ball Valves	1	6 70750 58262 2	
6907924CP	24-Port PEX Manifold with 1/2 in. Brass Ball Valves	1	6 70750 58263	
6907928CP	28-Port PEX Manifold with 1/2 in. Brass Ball Valves	1	70750 58264	
6907932CP	32-Port PEX Manifold with 1/2 in. Brass Ball Valves	1	6 70750 58265 3	
6907936CP	36-Port PEX Manifold with 1/2 in. Brass Ball Valves	1	6 70750 58273	
	POLY A	ALLOY M	MANIFOLDS	
PXPA2PTC	3/4 in. Barb Inlets x 1/2 in. Barb 2-Port PEX Closed Plastic Manifold	20	6 70750 02254 8	
PXPA4PTC	3/4 in. Barb Inlets x 1/2 in. Barb 4-Port PEX Closed Plastic Manifold	20	6 70750 02268 5	
PXPA2PTO	3/4 in. Barb Inlets x 1/2 in. Barb 2-Port PEX Open Plastic Manifold	20	6 70750 02265 4	بالل
PXPA4PTO	3/4 in. Barb Inlets x 1/2 in. Barb 4-Port PEX Open Plastic Manifold	10	6 70750 02274 6	
PXPA6PTO	3/4 in. Barb Inlets x 1/2 in. Barb 6-Port PEX Open Plastic Manifold	10	8977175 6 70750 03880 8	
	MANIF	OLD AC	CESSORIES	
APXFF1212S	1/2 in. PEX Barb x 1/2 in. Female Pipe Thread Brass Swivel Ball Valve	5	6 70750 70310 2	
APXFA34B1F	3/4 in. Brass PEX Barb x 1 in. Female Pipe Thread Adapter	5	6 70750 77978 7	
APXMBA	3/4 in. PEX x 1 in. NPSM Manabloc® Manifold Inlet Adapter	12	8 50003 46576 O	
APXNPSM34	3/4 in. PEX x 1 in. NPSM Manifold Inlet Adapter	12	8 50003 46577 7	









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

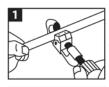
APPROVALS

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

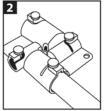
Instructions

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.



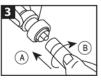
Mark insertion depth using the depth gauge (sold separately).



Removal tool (sold separately).



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



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

Part Number	Description	Carton Qt	y UPC	
			COUPLINGS	-
FSBC14	1/4 in. Brass Push-To-Connect Coupling	12	6 70750 96457 2	
FSBC38	3/8 in. (1/2 in. O.D.) Brass Push-To-Connect Coupling	12	6 70750 96602 6	
FSBC1238	1/2 in. Brass Push-To-Connect x 3/8 in. Reducer Coupling	12	6 70750 96423 7	
FSBC12	1/2 in. Brass Push-To-Connect Coupling	24	6 70750 90382 3	
FSBC126JR	1/2 in. Brass Push-To-Connect Coupling (6-Pack Jar)	ck R	1 91988 00581 8	
FSBC3412	3/4 in. x 1/2 in. Brass Push-To-Connect Reducer Coupling	12	6 70750 96462 6	
FSBC34	3/4 in. Brass Push-To-Connect Coupling	24	6 70750 90384 7	
FSBC346JR	3/4 in. Brass Push-To-Connect Coupling (6-Pack Jar)	ck R	1 91988 00582 5	
FSBC134	1 in. Brass Push-To-Connect x 3/4 in. Push-To-Connect Reducer Coupling	6	6 70750 96432 9	
FSBC1	1 in. Brass Push-To-Connect Coupling	6	6 70750 96344 5	
		SLIP	COUPLINGS	
FSBC12SL	1/2 in. Brass Push-To-Connect Slip Repair Coupling	6	6 70750 96946 1	U
FSBC34SL	3/4 in. Brass Push-To-Connect Slip Repair Coupling	6	6 70750 96953 9	
FSBC1SL	1 in. Brass Push-To-Connect Slip Repair Coupling	3	6 70750 96948 5	
FSBC12SLEZ	1/2 in. Brass Push-To-Connect EZ-Slip Repair Coupling	6	1 91988 00396 8	
FSBC34SLEZ	3/4 in. Brass Push-To-Connect EZ-Slip Repair Coupling	6	1 91988 00397 5	







PUSH-TO-CONNECT PRODUCTS



Part Number	Description	Carton Qty	UPC
CONVERSIO	N 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
FSBIPSSTEM12	1/2 in. IPS Brass Push-To-Connect x 1/2 in. CTS Street Transition Adapter	6	1 91988 00433 0
FSBIPSSTEM34	3/4 in. IPS Brass Push-To-Connect x 3/4 in. CTS Street Transition Adapter	6	1 91988 00434 7
FSBIPSSTEM1	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 Q	ty UPC
			90° ELBOWS
FSBE38	3/8 in. Brass Push-To-Connect 90° Elbow Fitting	6	6 70750 96696 5
FSBE12	1/2 in. Brass Push-To-Connect 90° Elbow	24	6 70750 96692 7
FSBE126JR	1/2 in. Brass Push-To-Connect 90° Elbow (6-Pack Jar)	Pack JAR	1 91988 00585 6
FSBE3412	3/4 in. x 1/2 in. Brass Push-To-Connect 90° Reducer Elbow	6	6 70750 96695 8
FSBE34	3/4 in. Brass Push-To-Connect 90° Elbow	24	6 70750 96694 1
FSBE346JR	3/4 in. Brass Push-To-Connect 90° Elbow (6-Pack Jar)	Pack 4	1 91988 00586 3
FSBE1	1 in. Brass Push-To-Connect 90° Elbow	3	6 70750 96686 6
FSBE12STR	1/2 in. Brass Push-To-Connect Street 90° Elbow	12	6 70750 81783 0
FSBE34STR	3/4 in. Brass Push-To-Connect Street 90° Elbow	6	6 70750 81784 7
FSBE12V	1/2 in. Brass Push-To-Connect 90° Elbow with Drain/Vent	6	6 70750 02962 2
FSBE34V	3/4 in. Brass Push-To-Connect 90° Elbow with Drain/Vent	6	6 70750 02963 9
			45° ELBOWS
FSBE1245	1/2 in. Brass Push-To-Connect 45° Elbow	12	1 91988 00398 2
FSBE3445	3/4 in. Brass Push-To-Connect 45° Elbow	12	1 91988 00399 9
		DROP	EAR ELBOWS
FSBDEE3812	3/8 in. Brass Push-To-Connect x 1/2 in. Female Pipe Thread 90° Drop Ear Elbow	12	6 70750 96683 5
FSBDEE12	1/2 in. Brass Push-To-Connect x Female Pipe Threa 90° Drop Ear Elbow	nd 12	6 70750 96682 8
FSBDEE12P	1/2 in. Brass Push-To-Connect 90° Drop Ear Elbow	v 6	6 70750 07217 8
FSBDEE34P	3/4 in. Brass Push-To-Connect 90° Drop Ear Elbow	v 12	1 91988 00389 0













PUSH-TO-CONNECT PRODUCTS

Part Number











FEMALE ELBO	WS		
FSBDWE1434	1/4 in. (3/8 in. 0.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 ADAP	TERS		
FSBFA1412	1/4 in. (3/8 in. 0.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. 0.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	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 ADAPTE	RS		
FSBMA1412	1/4 in. (3/8 in. 0.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. 0.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	1 91988 00588 7

Description

Carton Qty

UPC

Part Number	Description	Carton Qty	UPC
	MALE	E ADAPT	ERS (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 CON\	/ERSION	ADAPTERS
FSBIPSMA12	1/2 in. IPS Push-To-Connect x 1/2 in. CTS Brass Male Pipe Thread Adapter	6	6 70750 96907 2
FSBIPSMA34	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)	6 Pack 4 JAR	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
and the same of the same of	TEES (continued)			
	FSBT1134	1 in. x 1 in. x 3/4 in. Brass Push-To-Connect Reducer Tee	3	6 70750 98339 9
	FSBT1	1 in. Brass Push-To-Connect Tee	3	6 70750 98338 2
	SLIP TEES			
	FSBT12SLCTS	1/2 in. Brass Push-To-Connect x Push-To-Connect x Copper Tube Size Adapter Slip Tee	6	6 70750 96958 4
	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
	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
	FSBT11IPS1	1 in. CTS x 1 in. CTS x 1 in. IPS Brass Push-To-Connect Slip Tee	6	1 91988 00383 8
	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
H	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
	FSBT11CTS1	1 in. IPS x 1 in. IPS x 1 in. CTS Brass Push-To-Connect Slip Tee	6	1 91988 00384 5
	FSBT12SL	1/2 in. Brass Push-To-Connect Slip Tee Fitting	6	6 70750 96954 6
- 00	FSBT34SL	3/4 in. Brass Push-To-Connect Slip Tee Fitting	6	6 70750 96967 6
	FSBT12SLF	1/2 in. Brass Push-To-Connect x Push-To-Connect x Female Pipe Thread Slip Tee Fitting	6	6 70750 96961 4
	FSBT34SLF	3/4 in. Brass Push-To-Connect x Push-To-Connect x Female Pipe Thread Slip Tee Fitting	6	6 70750 96968 3
	STREET TEES			
	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
	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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FSBCAP38 3/8 in. Brass Push-To-Connect Cap 12 6 70750 9 FSBCAP12 1/2 in. Brass Push-To-Connect Cap 24 6 70750 9 1/2 in. Brass Push-To-Connect Cap 8	7 37368 7 38172 9 CAPS
FSBCAP38 3/8 in. Brass Push-To-Connect Cap 12 6 70750 9 FSBCAP12 1/2 in. Brass Push-To-Connect Cap 24 6 70750 9 1/2 in. Brass Push-To-Connect Cap 8	APS 96184 7
FSBCAP38 3/8 in. Brass Push-To-Connect Cap 12 6 70750 9 FSBCAP12 1/2 in. Brass Push-To-Connect Cap 24 6 70750 9 1/2 in. Brass Push-To-Connect Cap 8	96184 7
FSBCAP12 1/2 in. Brass Push-To-Connect Cap 24 6 70750 9 1/2 in. Brass Push-To-Connect Cap 6 70750 9	96184 7
1/2 in. Brass Push-To-Connect Cap	1
	96101 4
(6-Pack Jar) JAR 8 1 91988 0	00583 2
FSBCAP12WD 1/2 in. Brass Push-To-Connect Cap with Drain 12)7341 O
FSBCAP34 3/4 in. Brass Push-To-Connect Cap 12	96123 6
FSBCAP346JR 3/4 in. Brass Push-To-Connect Cap (6-Pack Jar) 4 1 91988 0	00584 9
FSBCAP34WD 3/4 in. Brass Push-To-Connect Cap with Drain 12)7367 0
FSBCAP1 1 in. Brass Push-To-Connect Cap 3	96067 3.
VAL	VES
FSBBV12 1/2 in. Brass Push-To-Connect Ball Valve 12	95962 2
FSBBV34 3/4 in. Brass Push-To-Connect Ball Valve 12	95976 9
FSBBV1 1 in. Brass Push-To-Connect Ball Valve 6	95952 3.
FSBBV12DE 1/2 in. Brass Push Ball Valve with Flange and Drain 12	95963 9
FSBBV34DE 3/4 in. Brass Push Ball Valve with Flange and Drain 6	95977 6
FSBBV12F 1/2 in. Brass Push-To-Connect x 1/2 in. FNPT Female Ball Valve 6	95965 3
FSBBV34F 3/4 in. Brass Push-To-Connect x 3/4 in. FNPT Female Ball Valve 6	



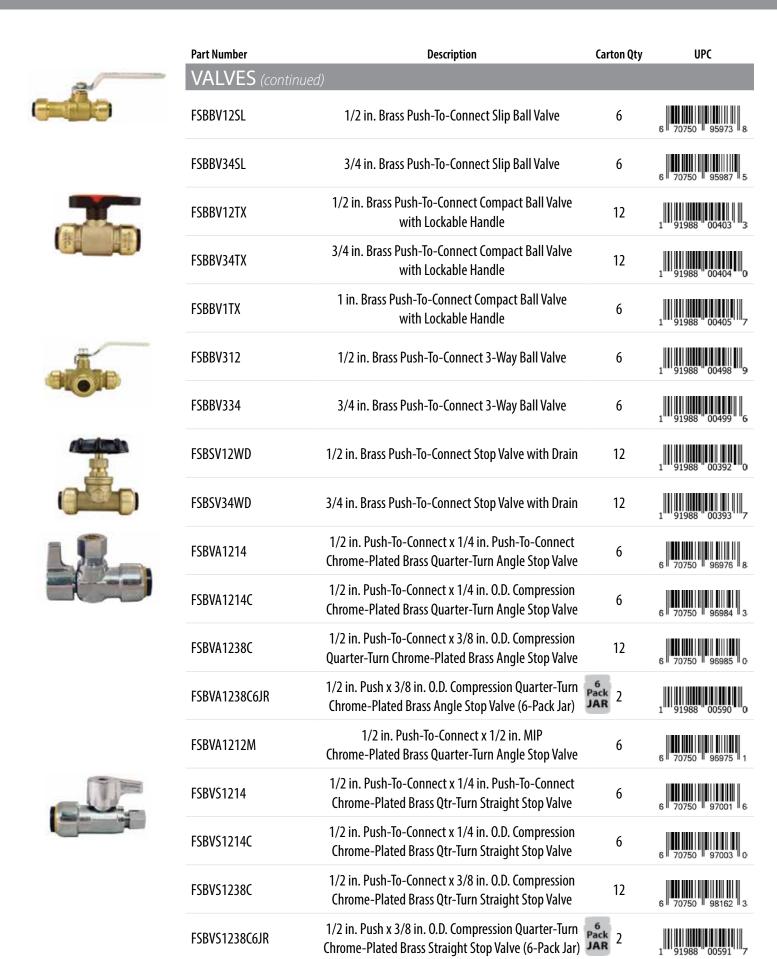








PUSH-TO-CONNECT PRODUCTS



Part Number	Description	Carton Qty	UPC
		VAL	VES (continued)
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
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

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
C	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
S. E. S.	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	
	AC	CESSOF	RIES (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	6 70750 98336 8	
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	6 70750 96748 1	
FSBTANKTEE	3/4 in. Push-To-Connect x FPT x FPT Water Heater Expansion Tank Tee	5	6 70750 08172 9	
FSBBOXIM	1/2 in. Ice Maker Outlet Box	2	6 70750 95989 9	
FSBBOXIMWH	1/2 in. Ice Maker Outlet Box with Water Hammer Arrestor	2	6 70750 95990 5	
FSBBOXWM	1/2 in. Brass Washing Machine Outlet Box	3	6 70750 95993 6	
FSBBOXWMWH	1/2 in. Brass Washing Machine Outlet Box with Water Hammer Arrestors	3	6 70750 96009 3	2 2
		Ν	MANIFOLDS	
FSBM2PTC	3/4 in. Brass Push-To-Connect Inlet x 1/2 in. Brass Push-To-Connect Outlets 2-Port Closed Manifold	6	1 91988 00400 2	
FSBM2PTO	3/4 in. Brass Push-To-Connect Inlet x 1/2 in. Brass Push-To-Connect Outlets 2-Port Open Manifold	6	1 91988 00401 9	
FSBM3PTOV2	3/4 in. Brass Push-To-Connect Inlets with 3-Port Open Manifold 1/2 in. Push-To-Connect Outlets	6	1 91988 00402 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	6 70750 02968 4	RR.

PUSH-TO-CONNECT PRODUCTS











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.



TECTITE FLECTRICAL by TMG

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.

Part Number	Description	Carton Qty	UPC	
		MALE	ADAPTERS	
ELMA12	1/2 in. Non-Metallic Water Tight Push-To-Connect Straight Connector	15	8 50003 46548 7	
ELMA126JR	1/2 in. Non-Metallic Water Tight Push-To-Connect Straight Connector (6-Pack Jar)	Pack 8	8 50003 46550 C	
ELMA34	3/4 in. Non-Metallic Water Tight Push-To-Connect Straight Connector	10	8 50003 46549 4	
ELMA1	1 in. Non-Metallic Water Tight Push-To-Connect Straight Connector	10	8 50003 46554 B	
		MA	LE ELBOWS	122
ELME12	1/2 in. Non-Metallic Water Tight Push-To-Connect Elbow Connector	12	8 50003 46551 7	
ELME126JR	1/2 in. Non-Metallic Water Tight Push-To-Connect Elbow Connector (6-Pack Jar)	Pack 4	8 50003 46552 4	
ELME34	3/4 in. Non-Metallic Water Tight Push-To-Connect Elbow Connector	10	8 50003 46553 1	
ELME1	1 in. Non-Metallic Water Tight Push-To-Connect	10	8 50003 46555 5	

Elbow Connector















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	Cai	rton Qty	UPC
	COU	PLIN	IGS V	VITH 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)	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)	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
	COUPLIN	GS V	VITH	OUT 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 Sto	р	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)	30 Pack JAR	2	8 10053 46036 8
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)	15 Pack JAR	2	8 10053 46037
XPRE1	1 in. Copper 90° Press x Press Elbow		10	8 10053 46033 7
XPRE1245	1/2 in. Copper 45° Press x Press Elbow		20	8 10053 46009 2
XPRE3445	3/4 in. Copper 45° Press x Press Elbow		10	8 10053 46024 5
XPRE145	1 in. Copper 45° Press x Press Elbow		10	8 10053 46034 4





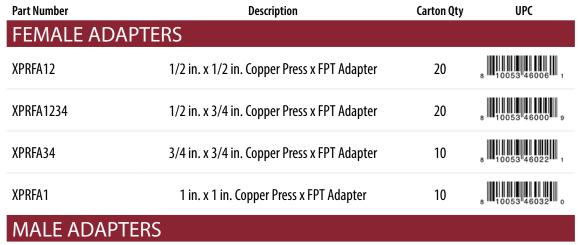




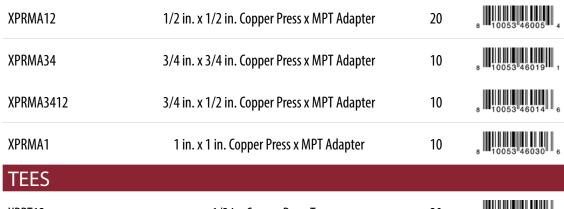


PRESS PRODUCTS











XPRMA1	1 in. x 1 in. Copper Press x MPT Adapter	10	8 10053 46030 6
TEES			
XPRT12	1/2 in. Copper Press Tee	20	8 10053 46001 6
XPRT34	3/4 in. Copper Press Tee	10	8 10053 46015 3
XPRT341212	3/4 in. x 1/2 in. x 1/2 in. Copper Press Reducing Tee	10	8 10053 46013 9
XPRT341234	3/4 in. x 1/2 in. x 3/4 in. Copper Press Reducing Tee	10	8 10053 46012 2
XPRT343412	3/4 in. x 3/4 in. x 1/2 in. Copper Press Reducing Tee	10	8 10053 46011 5
XPRT1134	1 in. x 1 in. x 3/4 in. Copper Press Reducing Tee	10	8 10053 46026 9
XPRT1	1 in. Copper Press Tee	10	8 10053 46027 6
CAPS			
XPRCAP12	1/2 in. Copper Press Tube Cap	20	8 10053 46007 8
XPRCAP34	3/4 in. Copper Press Tube Cap	10	8 10053 46021 4
XPRCAP1	1 in. Copper Press Tube Cap	10	8 10053 46031 3



Part Number	Description	Carton Qty	UPC
			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 o
		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









VALVES

The **94ALF-A 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

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



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Part Number	Description	Carton Qty	UPC
		94ALF	THREADED
94ALF10101A	1/4 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	20	6 70750 96816 7
94ALF10201A	3/8 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	20	6 70750 96817 4
94ALF10301A	1/2 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	10	6 70750 96818 1
94ALF10401A	3/4 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	10	6 70750 96821 1
94ALF10501A	1 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	10	6 70750 96822 8
94ALF10601A	1-1/4 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	4	6 70750 96823 5
94ALF10701A	1-1/2 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	2	6 70750 96824 2
94ALF10801A	2 in. Lead Free Brass FNPT x FNPT Full-Port Ball Valve	2	6 70750 96825 9
		94A	LF SOLDER
94ALF20301A	1/2 in. Lead Free Brass SWT x SWT Ball Valve	10	6 70750 96828 0
94ALF20401A	3/4 in. Lead Free Brass SWT x SWT Ball Valve	10	6 70750 96829 7
94ALF20501A	1 in. Lead Free Brass SWT x SWT Ball Valve	6	6 70750 96831 0
94ALF20601A	1-1/4 in. Lead Free Brass SWT x SWT Ball Valve	4	6 70750 96832 7
94ALF20701A	1-1/2 in. Lead Free Brass SWT x SWT Ball Valve	2	6 70750 96833 4
94ALF20801A	2 in. Lead Free Brass SWT x SWT Ball Valve	2	6 70750 96834 1





VALVES







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			

96F STAINLE	SS STEEL THREADED		
96F10327	1/2 in. Stainless Steel FNPT x FNPT Full-Port Ball Valve with Latch Lock Lever	10	8 10053 46039 9
96F10427	3/4 in. Stainless Steel FNPT x FNPT Full-Port Ball Valve with Latch Lock Lever	10	8 10053 46040 5
96F10527	1 in. Stainless Steel FNPT x FNPT Full-Port Ball Valve with Latch Lock Lever	5	s 10053 46041 2
96F10627	1¼ in. Stainless Steel FNPT x FNPT Full-Port Ball Valve with Latch Lock Lever	4	8 10053 46042 9
96F10727	1½ in. Stainless Steel FNPT x FNPT Full-Port Ball Valve with Latch Lock Lever	4	8 "10053"46043" 6
96F10827	2 in. Stainless Steel FNPT x FNPT Full-Port Ball Valve with Latch Lock Lever	2	8 10053 46044 3

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Part Number	Description PRESSURE	Carton Qty	UPC NG VALVES	1
69ELF114T	3/4 in. x 3/4 in. Lead Free Bronze FNPT Pressure Reducing Valve	3	8976532 8 50003 46564 7	
69ELF114TWG	3/4 in. x 3/4 in. Lead Free Bronze FNPT Pressure Reducing Valve with Gauge	3	1 91988 02407 9	T
APXPRV34WG	3/4 in. x 3/4 in. Lead Free Bronze PEX-B Barb Pressure Reducing Valve with Gauge	3	1 91988 00565 8	
EPXPRV34WG	3/4 in. x 3/4 in. Lead Free Bronze PEX-A Barb Pressure Reducing Valve with Gauge	3	1 91988 01978 5	AND THE PERSON NAMED IN
FSBPRV34WG	3/4 in. x 3/4 in. Lead Free Bronze Push-To-Connect Pressure Reducing Valve with Gauge	3	1 91988 00502 3	
	92S STAINLESS	STEEL H	OSE BIBBS	
92S10301	Stainless Steel Hose Bibb 1/2 in. MPT x 3/4 in. Male Garden Hose Thread	10	8 10053 46154 9	-0
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	



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

POLLO by M MOSACK GROUF

Part Number Description Carton Qty UPC	
FEMALE ADAPTE	RS
AIFA12 1/2 in. FPT x 1/2 in. Barb Female Adapter 30	 ₄
AIFFHT1234 1/2 in. FPT x 3/4 in. FHT Swivel Female Swivel Adapter 15	₆
AIFFHT34 3/4 in. FPT x 3/4 in. FHT Swivel Female Swivel Adapter 15	3 a
AISLFHT1234 1/2 in. Slip PVC x 3/4 in. FHT 15 Female PVC Adapter 15	
AISLFHT34 3/4 in. Slip PVC x 3/4 in. FHT 15 Female PVC Adapter 15	 ₇
FEMALE ELBO)W
AIFE12 1/2 in. FPT x 1/2 in. Barb Male PVC Adapter 50	₇
MALE ADAPTE	RS
AISLMHT1234 1/2 in. Slip x 3/4 in. MHT PVC Male PVC Adapter 15 6 Male PVC Adapter	
AISLMHT34 3/4 in. Slip x 3/4 in. MHT PVC 15 6 Male PVC Adapter 15	
MALE/FEMALE ADAPTE	RS
AIMFB12 1/2 in. MPT x 1/2 in. FPT x 1/2 in. Barb Male/Female Adapter 25	3
AIMFHT1234 1/2 in. MPT x 3/4 FHT PVC Swivel Male/Female PVC Swivel Adapter 15	
AIMFHT34 3/4 in. MPT x 3/4 FHT PVC Swivel Male/Female PVC Swivel Adapter 15 15 170750 ¹⁹ 4399	











IRRIGATION PRODUCTS



Part Number	Description	Carton Qty	UPC	
COUPLINGS				
ABTC12	1/2 in. Insert Coupling	50	6 70750 84799 8	
ABTC125PK	1/2 in. Insert Coupling (5 Pack)	10	6 70750 84800 1	
ABTC1220JR	1/2 in. Insert Coupling (20 Pack Jar)	4	8 10053 46070 2	
ABTC3412	3/4 in. x 1/2 in. Insert Reducing Coupling	25	6 70750 84804	
ABTC34	3/4 in. Insert Coupling	75	6 70750 84803 2	
ABTC345PK	3/4 in. Insert Coupling (5 Pack)	15	6 70750 84805	
ABTC3418JR	3/4 in. Insert Coupling (18 Pack Jar)		8 10053 46069 6	
ABTC134	1 in. x 3/4 in. Insert Reducing Coupling	20	6 70750 84801 8	
ABTC1	1 in. Insert Coupling	50	6 70750 84783 7	
ABTC15PK	1 in. Insert Coupling (5 Pack)	10	6 70750 84802 5	
ABTC1114	1 in. x 1¼ in. Insert Reducing Coupling	10	6 70750 84795 0	
ABTC114	1¼ in. Insert Coupling	20	6 70750 84798 1	
ABTC112	1½ in. Insert Coupling	10	6 70750 84797 4	
FUNNY PIPE REDUCING COUPLINGS				
ABTC3438FP	3/4 in. Insert x 3/8 in. Funny Pipe Barb Reducing Coupling	50	8 10053 46082 5	
ABTC138FP	1 in. Insert x 3/8 in. Funny Pipe Barb Reducing Coupling	50	8 10053 46078 8	
TELESCOPING RE	PAIR COUPLINGS			
	3/4 in. Insert x Funny Pipe Barb			





ADIC3430FF	Reducing Coupling	30	8 10053 46082 5
ABTC138FP	1 in. Insert x 3/8 in. Funny Pipe Barb Reducing Coupling	50	8 10053 46078 8
TELESCOPING REPA	AIR COUPLINGS		
ABTSLC34	3/4 in. Insert x Funny Pipe Barb Telescoping Repair Coupling	20	8 10053 46076 4
ABTSLC1	1 in. Insert x Funny Pipe Barb Telescoping Repair Coupling	20	8 10053 46075 7

Part Number	Description	Carton Qty	UPC
			ELBOWS
ABTE12	1/2 in. Insert 90° Elbow	25	6 70750 84809 4
ABTE34	3/4 in. Insert 90° Elbow	25	6 70750 84810 0
ABTE1	1 in. Insert 90° Elbow	25	6 70750 84806 3
ABTE114	1¼ in. Insert 90° Elbow	10	6 70750 84808 7
ABTE112	1½ in. Insert 90° Elbow	10	6 70750 84807 0
ABTFE12	1/2 in. Insert x FPT 90° Elbow	25	6 70750 84818
ABTFE1234	3/4 in. Insert x 1/2 in. FPT 90° Elbow	25	6 70750 84819
ABTFE34	3/4 in. Insert x FPT 90° Elbow	25	6 70750 84821
ABTFE112	1 in. Insert x 1/2 in. FPT 90° Elbow	10	6 70750 84817 9
ABTFE134	1 in. Insert x 3/4 in. FPT 90° Elbow	20	6 70750 84820 9
ABTFE1	1 in. Insert x FPT 90° Elbow	15	6 70750 84816 2
ABTME12	1/2 in. Insert x MPT 90° Elbow	25	6 70750 84854 4 4
ABTME34	3/4 in. Insert x MPT 90° Elbow	15	6 70750 84855 1
ABTME1	1 in. Insert x MPT 90° Elbow	10	6 70750 84853 7
	FUNNY PIPE F	REDUCIN	IG ELBOWS
ABTE3438FP	3/4 in. Insert x 3/8 in. Funny Pipe Barb Reducing 90° Elbow	50	8 10053 46086 3
ABTE138FP	1 in. Insert x 3/8 in. Funny Pipe Barb Reducing 90° Elbow	50	8 10053 46085 6









IRRIGATION PRODUCTS









Part Number	Description CLNIC EL DOWG	Carton Qty	UPC
COMBO REDU			
ABTCE341234	3/4 in. Insert x 1/2 in3/4 in. Red. 90° Elbow	15	8 10053 46074 0
ABTCE11234	1 in. Insert x 1/2 in3/4 in. Red. 90° Elbow	15	8 10053 46081 8
SIDE OUTLET E	ELBOWS		
ABTSE341234	3/4 in. Insert x 3/4 in. Insert x 1/2 in3/4 in. Side Outlet Elbow	15	8 10053 46079 5
ABTSE111234	1 in. Insert x 1 in. Insert x 1/2 in3/4 in. Side Outlet Elbow	15	8 10053 46084 9
FEMALE ADAP	TERS		
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
ABTFA1	1 in. Insert x FPT Female Adapter	25	6 70750 84811 7
ABTFA114	1¼ in. Insert x FPT Female Adapter	10	6 70750 84813 1
ABTFA112	1½ in. Insert x FPT Female Adapter	15	6 70750 84812 4
MALE ADAPTE	:RS		
ABTMA12	1/2 in. Insert x MPT Male Adapter	50	70750 84845 2
ABTMA125PK	1/2 in. Insert x MPT Male Adapter (5 Pack)	RO Jack 10	6 70750 84847
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)	RO ack 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	1¼ in. Insert x MPT Male Adapter	20	6 70750 84844 5
ABTMA112	11/2 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
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 PIF	PE REDU	JCING 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
	COMB	O REDU	JCING TEES
ABTCT341234	3/4 in. Insert x 3/4 in. Insert x 1/2 in3/4 in. Reducing Tee	15	8 10053 46083 2
ABTCT11234	1 in. Insert x 1 in. Insert x 1/2 in3/4 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









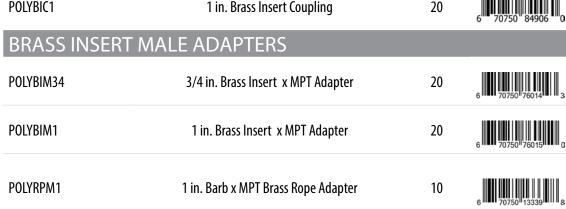


IRRIGATION PRODUCTS











BRASS INSERT VALVES			
POLYV12	1/2 in. Brass Insert Ball Valve	10	6 70750 84903 9
POLYV34	3/4 in. Brass Insert Ball Valve	10	6 70750 84904
POLYV1	1 in. Brass Insert Ball Valve	5	70750 84902 2

Part Number	Description	Carton Qty	UPC
	POLY P	IPE PINC	CH 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)	Pack 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)	Pack 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)	Pack JAR	8 10053 46072 6
POLYPC11410PK	1¼ in. Stainless-Steel Poly Pipe Pinch Clamps (10 Pack)	50	6 70750 74945 2
	POLY PIPE P	INCH CL	AMP TOOL
PUIALK	Poly Pipe Pinch Clamp Tool	5	

Fastens 1/2 in. - 1½ in. Poly Pipe Pinch Clamps







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 11/8 in. hole. Once installed, a 1 in. SW pipe valve or plug can be attached.

5

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on how to install Snapport™



SNAPPORT™

70750 74948

Snapport® - Add an 1 in. outlet to any vessel from LSP-010 the outside





POLYPTK





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	70750 84966 4
SPRMA34	3/4 in. Sprint Polymer Male Adapter	8	6 70750 84964
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 0-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 working pressure for water, non-snock, at 73: 1. 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	FEMALE	ADAPTERS
CPVCFA12	1/2 in. CPVC CTS Slip x 1/2 in. SS FNPT	25	8 50003 46541 E
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 5	8 50003 46581 4
CPVCFA34	3/4 in. CPVC CTS Slip x 3/4 in. SS FNPT	25	8 50003 46542
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 5	8 50003 46589 Q
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
	CP'	VC MALE	ADAPTERS
CPVCMA12	1/2 in. CPVC CTS Slip x 1/2 in. SS MNPT	25	8 50003 46544
CPVCMU1234	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
CPVCMA1	1 in. CPVC CTS Slip x 1 in. SS MNPT	25	8 50003 46546 3
		CPV	C ADAPTER
CPVCBSP	1/2 in. CPVC CTS Slip x 3/4 in. GHT	10	8 50003 46582 11
		CPVC DR	OP EAR TEE
CPVCDET12	1/2 in. CPVC CTS Slip	10	8 50003 46584 5







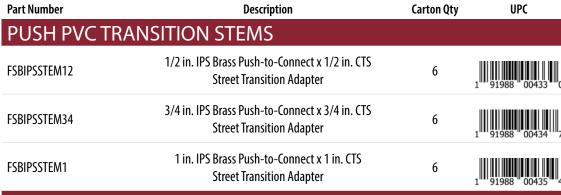






CPVC/PVC PRODUCTS







PVC SLIDE REPAIR	COUPLINGS		1 91900 00455 4
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	1¼ in. PVC Slide Repair Coupling	4	8 10053 46103 7
PVCC112SL	1½ in. PVC Slide Repair Coupling	4	8 10053 46104 4
PVCC2SL	2 in. PVC Slide Repair Coupling	2	8 10053 46105 1



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	Z IIII Y C SII QC II C C Q Q IIII G		8 10053 46105 1
PVC COMPRESSION	N 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	1¼ in. PVC Compression Coupling	4	8 10053 46103 7
PVCCOMP112	1½ 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	
	PVC MALE	REPAIR .	ADAPTERS	
PVCCOMPMA34	3/4 in. PVC Male Repair Adapter	18	8 10053 46112 9	
PVCCOMPMA1	1 in. PVC Male Repair Adapter	18	8 10053 46113 6	
P۱	C COMPRESSION TEES WITH	H FEMAL	E BRANCH	
PVCCOMPT12F	1/2 in. PVC Compression Tee with FIP Branch	4	8 10053 46114 3	E
PVCCOMPT3412F	3/4 in. PVC Compression Tee with 1/2 in. FIP Branch	10	8 10053 46116 7	
PVCCOMPT34F	3/4 in. PVC Compression Tee with FIP Branch	6	8 10053 46115 0	
PVCCOMPT1F	1 in. PVC Compression Tee with FIP Branch	4	8 10053 46117 4	
	PVC S	SLIP JOIN	IT UNIONS	
PVCU12	1/2 in. Slip Joint Union	36	8 10053 46088 7	
PVCU34	3/4 in. Slip Joint Union	25	8 10053 46090 0	
PVCU1	1 in. Slip Joint Union	12	8 10053 46092 4	
PVCU114	1¼ in. Slip Joint Union	9	8 10053 46094 8	
PVCU112	1½ in. Slip Joint Union	5	8 10053 46096	
PVCU2	2 in. Slip Joint Union	4	8 10053 46098 6	







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CPVC/PVC PRODUCTS



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	1¼ in. PVC Female Union	4	8 10053 46095 5
PVCU112F	1½ 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	
		PEX-A PV	CADAPTER	- Series
EPXPVC34	3/4 in. Brass PEX-A Barb x 3/4 in. Schedule 40 PVC Straight Adapter	10	1 91988 00407 1	
		PUSI	H 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	
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	
FSBT11IPS1	1 in. CTS x 1 in. CTS x 1 in. IPS Brass Push-To-Connect Slip Tee	6	1 91988 00383 8	
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	
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	
FSBT11CTS1	1 in. IPS x 1 in. IPS x 1 in. CTS Brass Push-To-Connect Slip Tee	6	1 91988 00384 5	
	Р	USH PVC	ADAPTERS	
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	
	PUSH P	VC 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	
FSBIPSMA34	3/4 in. IPS Push-To-Connect x 3/4 in. CTS Brass Male Pipe Thread Adapter	6	6 70750 96900 3	
	PUSH PVC	REPAIR C	COUPLINGS	
FSBIPSC34SL	3/4 in. Brass Push-to-Connect PVC Slip Repair Coupling	g 6	1 91988 00385 2	
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.



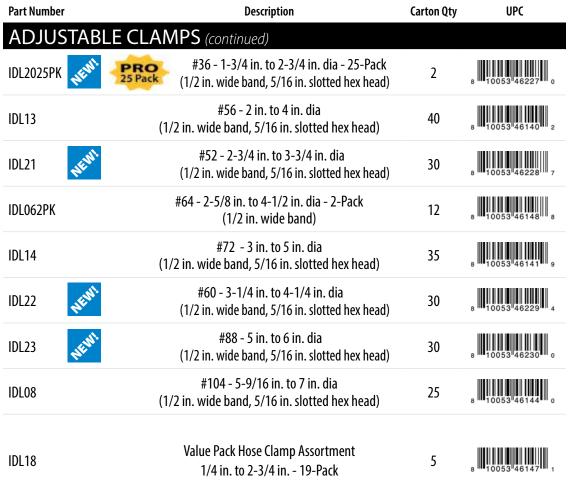
Part Number		Description	Carton Qty	UPC
ADJUS ⁻	TABLE CL	AMPS		
IDL11		#4 - 3/8 in. to 5/8 in. dia (5/16 in. wide band, 1/4 in. slotted hex head)	75	8 10053 46137 2
IDL1110PK	PRO 10 Pack	#4 - 3/8 in. to 5/8 in. dia - 10-Pack (5/16 in. wide band, 1/4 in. slotted hex head)	15	8 10053 46138 9
IDL15		#4 - 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
IDI44	ADJUSTABL #8 - 7/16 in. to 1 in. dia		1PS (continued)
IDL16	(1/2 in. wide band, 5/16 in. slotted hex head)	75	8 10053 46145 7
IDL04	#12 - 1/2 in. to 1-1/4 in. dia (1/2 in. wide band, 5/16 in. slotted hex head)	125	8 10053 46125 9
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	8 10053 46126 6
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	8 10053 46127 3
IDL12	#16 PRO - 11/16 in. to 1-1/2 in. dia (9/16 in. wide band, 5/16 in. slotted hex head)	50	8 10053 46139 6
IDL05	#16 PRO - 11/16 in. to 1-1/2 in. dia (9/16 in. wide band, 5/16 in. slotted hex head)	50	8 10053 46128 0
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	8 10053 46129 7
IDL07	#20 - 3/4 in. to 1-3/4 in. dia (1/2 in. wide band, 5/16 in. slotted hex head)	125	8 10053 46130 3
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	8 10053 46131 0
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	8 10053 46231 7
IDL03	#40 - 1 in. to 3 in. dia (1/2 in. wide band, 5/16 in. slotted hex head)	50	8 10053 46124 2
IDL01	#28 - 1-1/4 in. to 2-1/4 in. dia (1/2 in. wide band, 5/16 in. slotted hex head)	50	8 10053 46120 4
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	8 10053 46121 1
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	8 10053 46149 5
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	8 10053 46122 8
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	8 10053 46123 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	8 10053 46225 6
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	8 10053 46226 3



ADJUSTABLE CLAMPS







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	
		DI:	SHWASHER	
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	
FSBME1438	1/4 in. Brass Push-To-Connect x 3/8 in. MPT 90° Dishwasher Elbow	5	70750 72987	
APXVT121238	1/2 in. Chrome-Plated Brass PEX Barb x 3/8 in. Compression Quarter-Turn Dishwasher Tee Valve	12	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	6 70750 57068 1	
APXVS1214C	1/2 in. Chrome-Plated Brass PEX Barb x 1/4 in. Compression Quarter-Turn Straight Stop Valve	6	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	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	

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1/2 in. Brass Push-to-Connect Ice Maker Outlet Box

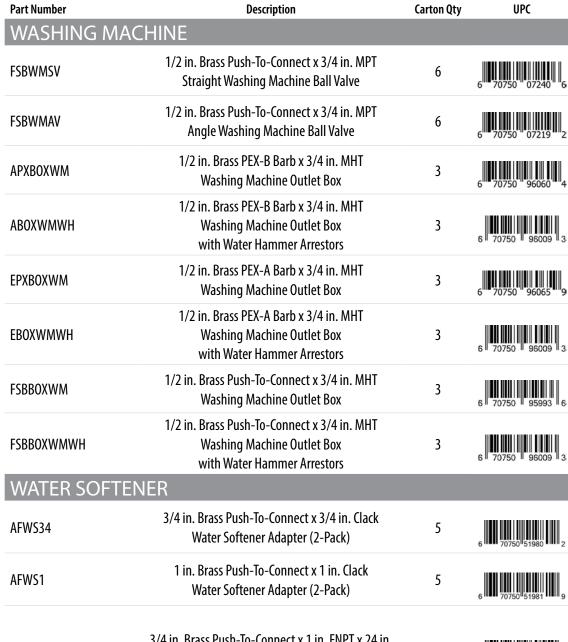
with Water Hammer Arrestor

FSBBOXIMWH

APPLIANCE ACCESSORIES











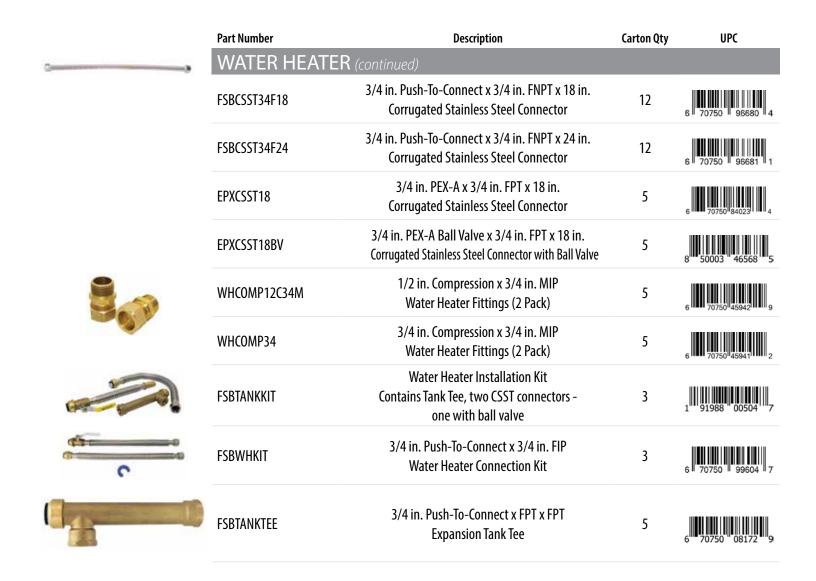
711 1135 1	Water Softener Adapter (2-Pack)		6 70750 51980
AFWS1	1 in. Brass Push-To-Connect x 1 in. Clack Water Softener Adapter (2-Pack)	5	6 70750 51981
FSBBS34P1F24	3/4 in. Brass Push-To-Connect x 1 in. FNPT x 24 in. Braided Stainless Steel Water Softener Connector	6	6 70750 96055 0

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Part Number	Description	Carton Qty WAT	UPC TER 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
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	6 70750 57055 1
APXCSST1834	3/4 in. PEX-B x 3/4 in. FHT x 18 in. Corrugated Stainless Steel Connector	6	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

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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 2159 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 Sellers 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 dates(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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2S10301	71	ABTE112	75	ABTSLC34	74	APPR1001	24	APXC1212	30
2S10401	71	ABTE114	75	ABTT1	77	APPR10012	24	APXC121210PK	30
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