

# EXPANSION PEX

## SUBMITTAL SHEET

# Expansion PEX PEX-A Poly Alloy Fittings

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

All Apollo Expansion PEX Poly Alloy 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 Expansion PEX Poly Alloy Fittings have barb ends unless otherwise noted. Apollo Expansion PEX Poly Alloy Fittings can be used with Apollo Expansion PEX (Pex-A) or Uponor ProPEX™ tubing. Fittings may be installed in concrete, gypsum-based lightweight concrete, sand, asphalt, in or under wood flooring, or behind wallboard or plaster.

### Specifications:

Use Apollo® Expansion PEX Poly Alloy Fittings with Apollo® Expansion PEX pipe and fasten to pipe using Apollo® Expansion Sleeves with Apollo® Expansion PEX Tools. Follow all instructions included with Apollo tools, fittings, and fasteners.

### Features:

- Designed exclusively for use within Type A PEX piping systems
- Full-flow design for maximum water output
- Larger internal diameter results in a 25% greater flow rate within the system
- Constructed of high density polysulfone alloy for superior reliability and strength
- A cold-expansion tool (sold separately) is required for installation
- Must be secured in place using Apollo® Expansion PEX sleeves or other PEX-A expansion sleeves/rings
- Go/No-Go gauges are never required
- To ensure secure connections every time, fittings cannot be dry fit
- Suitable for new construction, repairs, and remodels

### Standards / Certifications:

- Rated 200° F and 200 psi
- Meets ASTM F876/F877/F2023
- Meets ANSI/NSF 61 & 14
- Not compatible with PEX-B pipe, crimp style (ASTM 1807) or pinch clamp (ASTM 2098) piping systems
- Meets CSA B137.5
- cNSFus-pw
- cUPC

### 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. Place expansion sleeve on end of tubing. Insert tool head into tubing end and expand. Immediately remove tool and insert fitting into pipe to shoulder. Pipe may take up to two minutes to fully seal fitting. DO NOT overtighten threaded fittings.

Compatible with Uponor (Wirsbo) ProPEX™. (ProPEX™ is a trademark of Uponor [Wirsbo].)

Job Name:	
Job Location:	
Engineer:	
Contractor:	
Tag:	
PO Number:	
Representative:	



# EXPANSION PEX



Couplings						
Part Number	Description	L	H	D	Wt (lbs)	
EPXPAC1210PK	1/2" x 1/2"	1.54	0.67	0.67	0.01	
EPXPAC3412	3/4" x 1/2"	2.03	1.18	1.07	0.02	
EPXPAC3410PK	3/4" x 3/4"	2.03	1.18	1.07	0.02	
EPXPAC341	3/4" x 1"	2.57	1.27	1.51	0.04	
EPXPAC1110PK	1" x 1"	2.57	1.27	1.51	0.04	



Elbows						
Part Number	Description	L	H	D	Wt (lbs)	
EPXPAE1210PK	1/2" x 1/2"	1.53	1.53	0.61	0.01	
EPXPAE3410PK	3/4" x 3/4"	1.97	1.97	0.86	0.03	
EPXPAE15PK	1" x 1"	2.53	2.53	1.11	0.06	



Male Adapters						
Part Number	Description	L	H	D	Wt (lbs)	
EPXPAM1210PK	1/2" x 1/2" MPT	1.60	0.88	0.88	0.02	



Tees						
Part Number	Description	L	H	D	Wt (lbs)	
EPXPAT1210PK	1/2" x 1/2" x 1/2"	2.44	1.44	0.60	0.02	
EPXPAT341212	3/4" x 1/2" x 1/2"	3.17	1.88	0.87	0.04	
EPXPAT343412	3/4" x 3/4" x 1/2"	3.17	1.88	0.87	0.04	
EPXPAT3410PK	3/4" x 3/4" x 3/4"	3.17	1.88	0.87	0.04	
EPXPAT15PK	1" x 1" x 1"	3.94	2.52	1.11	0.09	



Test Plugs						
Part Number	Description	L	H	D	Wt (lbs)	
EPXPAP1210PK	1/2"	0.85	0.86	0.86	0.01	
EPXPAP3410PK	3/4"	1.09	1.18	1.18	0.01	
EPXPAP110PK	1"	1.38	1.49	1.26	0.03	