PEX-a Cold Expansion Fittings
Male Threaded Adapters





FEATURES

Plastic Cold Expansion Fittings are approved for use in both hot and cold potable water systems and hydronic heating applications.

BENEFITS

- **MATERIAL SELECTION**
  As a material with excellent properties, PPSU is mainly used for potable water supply. We believe that stable, hygienic, and high-performance PPSU fittings will be an excellent choice for your next piping system.
- **HYGIENIC AND HEALTHY**
  The plumbing systems are certified to NSF/ANSI 61 and NSF/ANSI 372 for safe distribution of potable water systems. They are compliant with the US Drinking Water Act and 2011 US Reduction of lead in Drinking water by containing equal to or less than .25% lead.
- **EXPANSION RING**
  The PEX-a expansion ring will enhance your installation experience and efficiency when used with F1960 tubing and PEX-a tubing.
- These Male Threaded Adapters can be used for PEX A and PEX B Tubing.
- **Working Temperature:** 5°F (-15°C) ~ 200°F (93°C)*
  *Note: According to ASTM F876 Temperature and Pressure Ratings for SDR9 PEX
- **Material:** Polyphenylsulfone (PPSU)
- 5-Year Limited Warranty

FITTINGS

Specified Model

PEX-a Cold Expansion Fittings - MALE THREADED ADAPTERS					
SIZE	MODEL NUMBER	DESCRIPTION	O.D.	WEIGHT (LBS.)	QUANTITY
1/2”	1960M012012-1	ADAPTER 1/2 PEX EXPANSION NPT	.50”/.50”	0.01	1
1/2”	1960M012012-50	ADAPTER 1/2 PEX EXPANSION NPT	.50”/.50”	0.66	50
1/2”	1960M012012-450	ADAPTER 1/2 PEX EXPANSION NPT	.50”/.50”	7.67	450
1/2” x 3/4”	1960M12034-1	ADAPTER 1/2X3/4 PEX EXPANSION	.50”/.75”	0.02	1
1/2” x 3/4”	1960M12034-40	ADAPTER 1/2X3/4 PEX EXPANSION	.50”/.75”	0.79	40
1/2” x 3/4”	1960M12034-360	ADAPTER 1/2X3/4 PEX EXPANSION	.50”/.75”	8.32	360
3/4” x 1/2”	1960M034012-1	ADAPTER 3/4X1/2 PEX EXPANSION	.75”/.50”	0.02	1
3/4” x 1/2”	1960M034012-40	ADAPTER 3/4X1/2 PEX EXPANSION	.75”/.50”	0.71	40
3/4” x 1/2”	1960M034012-360	ADAPTER 3/4X1/2 PEX EXPANSION	.75”/.50”	7.51	360
3/4”	1960M034034-1	ADAPTER 3/4 PEX EXPANSION NPT	.75”/.75”	0.02	1
3/4”	1960M034034-30	ADAPTER 3/4 PEX EXPANSION NPT	.75”/.75”	0.66	30
3/4”	1960M034034-270	ADAPTER 3/4 PEX EXPANSION NPT	.75”/.75”	7.39	270
1”	1960M001001-1	ADAPTER 1 PEX EXPANSION NPT	1”/1”	0.04	1
1”	1960M001001-18	ADAPTER 1 PEX EXPANSION NPT	1”/1”	0.67	18
1”	1960M001001-162	ADAPTER 1 PEX EXPANSION NPT	1”/1”	7.43	162

Compliance Certifications - Meets or Exceeds the Following Specifications

- ASTM F1960
- CSA B137.5
- NSF/ANSI/CAN 61
- NSF/ANSI 372

Certificates:

C NSF US

When transporting, storing, and handling PPSU fittings, follow these precautions: PPSU components may be damaged by prolonged exposure to certain chemicals, including but not limited to:

- **Butanone (MEK):** May cause severe erosion or cracking of the material.
- **Anaerobic Thread Sealants:** Products such as Loxeal, Loctite, or similar liquid thread sealants are not compatible.
- **Fire-Stop and Penetration Sealants:** Non-water-clean-up silicones, butyl sealants, polyurethane foams and caulks, synthetic rubber sealants, and acrylic latex-based products may cause damage.
- **Petroleum-Based Materials:** Substances such as kerosene, benzene, petrol, fuels, cutting oils, asphaltic coatings, acetone, toluene, and xylene are not compatible with PPSU.
- Prolonged exposure to direct sunlight significantly reduces PPSU ductility, elongation at break, and impact resistance.
- Protect fittings from rain or moisture during transportation and storage.
- Avoid applying external pressure or squeezing packaging, as this may damage the fittings.
- Keep fittings away from excessive heat and flammable materials.