

# Single-Family Residential Plumbing Solution

With Uponor ResiPEX™ hot and cold potable-water PEX-a pipe, you now have a competitive alternative engineered specifically to meet the performance requirements for single-family residential plumbing projects. Manufactured by Uponor, the pioneer in PEX for more than 40 years with 17 billion feet of pipe installed worldwide, Uponor ResiPEX is covered by a 5-year pipe or 10-year pipe and ProPEX® fitting system warranty.

## Applications

- › Single-family new construction, remodel, and retrofits
- › Semidetached
- › Row/townhouse



## Uponor ResiPEX Offering

Description	Red Print	Blue Print
½" Uponor ResiPEX White, 100-ft. coil	F8240500	F8340500
½" Uponor ResiPEX White, 300-ft. coil	F8260500	F8360500
¾" Uponor ResiPEX White, 100-ft. coil	F8240750	F8340750
¾" Uponor ResiPEX White, 300-ft. coil	F8260750	F8360750
½" Uponor ResiPEX White, 20-ft. straight length, 500 ft. (25 per bundle)	F8920500	F8930500
¾" Uponor ResiPEX White, 20-ft. straight length, 300 ft. (15 per bundle)	F8920750	F8930750

## Uponor ResiPEX vs. The Competition

	Uponor ResiPEX	PEX-b (insert)	PE-RT (insert)	Copper
Most flexible	✓	✗	✗	✗
Tightest bend radius	✓	✗	✗	✗
No flame	✓	✓	✓	✗
Kink reparability	✓	✗	✗	✗
Can't be dry fit	✓	✗	✗	✗
Plastics Pipe Institute (PPI) Technical Report TR-52 for resiliency in freeze/thaw cycles	✓	✓	✗	✗
No micro-cracking during expansion	✓	✗	✗	–
Designed specifically for ProPEX ASTM F1960 fittings	✓	✗	✗	–
Designed specifically for Milwaukee® ProPEX tools	✓	✗	✗	–



### Competitive Alternative

Offers economical, stable pricing that doesn't fluctuate with market changes

### Superior Workability

Most flexible with a bend radius of 6X the pipe diameter; allows longer runs of pipe with fewer connections

### Durable Material

Resists corrosion, pitting, and scale buildup; highly resilient in freezing conditions

### System Support

Uponor Construction Services, training, and technical assistance available

### Solid Warranty

Covered by a 5-year pipe or 10-year pipe and ProPEX fitting system warranty

## Uponor PEX-a Plumbing Pipe Offerings

Feature	Uponor AquaPEX*	Uponor ResiPEX
Hydrostatic temperature and pressure ratings	93°C (200°F) at 550 kPa (80 psi) 82°C (180°F) at 690 kPa (100 psi) 23°C (73°F) at 1,100 kPa (160 psi)	82°C (180°F) at 690 kPa (100 psi) 23°C (73°F) at 1,100 kPa (160 psi)
Operating temperature, pressure, and velocity ratings	Domestic hot water piping maximum temperature of 60°C (140°F) at 550 kPa (80 psi) and 8 feet per second (fps)	
	Domestic hot water recirculation piping maximum temperature of 60°C (140°F) at 550 kPa (80 psi) and 2 fps	
Fitting compatibility	ProPEX ASTM F1960, ASTM F2098 clamp, ASTM F1807 crimp, ASSE 1061 push fit	
Pipe and ProPEX fitting system warranty	25 years	10 years
Pipe sizes	¼" to 3"	½" and ¾"
Approved for use in AquaSAFE™ multipurpose fire sprinkler systems	Yes (¾" - 1¼" sizes only)	No
Codes, standards and listings	Comprehensive for both residential and commercial applications	Single family, semidetached, and row/townhouses only

### Frequently Asked Questions

**Does Uponor ResiPEX meet the same codes, standards and listings as Uponor AquaPEX pipe?**

No. Uponor ResiPEX is a competitive alternative engineered specifically to meet the performance requirements for single-family residential plumbing applications, so it does not meet all of the codes, standards, and listings of Uponor AquaPEX, which is designed for both residential and commercial applications.

**Is ResiPEX a PEX-a pipe?**

Yes. Uponor ResiPEX is a PEX-a pipe that is manufactured to meet the performance requirements of single-family residential applications.

**Is Uponor ResiPEX available throughout North America?**

No, Uponor ResiPEX is only available in Canada.

**What fitting systems are approved for use with Uponor ResiPEX?**

There are a variety of fitting systems approved for use with ResiPEX, including ProPEX ASTM F1960 expansion, ASTM F2098 clamp, ASTM F1807 crimp, and ASSE 1061 push fit.

➤ **Learn more about how Uponor can help drive your business forward at [uponor.com](https://www.uponor.com).**

**Is Uponor ResiPEX approved for multifamily fire-resistive construction projects?**

No, Uponor ResiPEX is not listed to CAN/ULC S102.2, CAN/ULC S101, and CAN/ULC S115 for fire-resistive construction. Furthermore, the recommended operating temperature rating for Uponor ResiPEX is 49°C (120°F) in alignment with most local codes for residential occupancies.

**Is Uponor ResiPEX approved for use in return-air plenums?**

No. Uponor ResiPEX is not approved in return-air plenums when installed per ASTM E84 and CAN/ULC S102.2 code requirements.

**What kind of building type is ideal for Uponor ResiPEX?**

Uponor ResiPEX is designed for single family, semidetached, and row/townhouses where listings for fire-resistive construction are not required. Always check with your local authority having jurisdiction (AHJ).

**What is the warranty for Uponor ResiPEX?**

Uponor ResiPEX is covered by a 5-year pipe or a 10-year system warranty when used with Uponor ProPEX fittings and rings.

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