



# Uponor

PLUMBING SYSTEMS

2" ProPEX®  
ENGINEERED PLASTIC  
(EP) FITTINGS

FREQUENTLY  
ASKED QUESTIONS

## 2" ProPEX® Engineered Plastic (EP) Fittings FAQs

### What is Engineered Plastic (EP)?

Uponor's engineered plastic (EP) is a high-performance thermoplastic material that has superior mechanical, chemical and thermal properties which allow dimensional stability in demanding applications. Uponor's EP is also immune to pitting, scaling, build up and damaging effects of aggressive water.

### Why are Uponor's EP products better than copper, chlorinated polyvinyl chloride (CPVC) or brass fittings?

Uponor's EP products are the strong, durable and cost-effective choice for plumbing applications. Uponor's EP products are designed to withstand corrosive environments and are unaffected by the rising cost of metal. Additionally, Uponor EP products are also superior to CPVC products because CPVC is especially vulnerable in cold climates where it can crack from the inside out.

### What type of plastic is used to make Uponor's 2" EP Fittings?

Uponor's 2" EP fittings are made from Radel® R polyphenylsulfone. This material is part of a family of polymers that have been used successfully in the demanding environments of medical appliances, aerospace and plumbing applications for many years.

### Is Uponor's 2" EP offering strong enough for commercial applications?

Yes. Uponor's EP offering has proven itself in over 10 years of plumbing applications with more than 2.1 million fittings installed in North America. In fact, the Radel R® material in Uponor's 2" fittings can withstand over 2,900 lbs. of force in a stress test with no fitting failure.

### What fitting system does the 2" EP offering use?

The EP offering uses Uponor's exclusive ProPEX® fitting system. The ProPEX fitting system is a strong, reliable and durable connection method that uses the shape memory of Uponor's AQUAPEX® tubing to form watertight, leak-resistant connections without the use of torches, solvents, glues or gauges. Additionally, the ProPEX fitting cannot be dry fit, so there is never a question whether the fitting is complete.

### What fitting standards does the ProPEX connection method meet?

ProPEX fittings are certified to NSF 14 and 61, meet CSA Standard B137.5 and are manufactured to ASTM F1960.

### What other Uponor products are offered in EP?

The Uponor EP product family includes elbows, tees, manifolds, plugs, couplings and multi-port tees for use in both commercial and residential plumbing applications. For a complete listing of all Uponor's EP offerings, refer to the Uponor Product Catalog.

### What is the warranty for EP products?

Uponor offers a 25-year limited warranty on all EP products when used with Wirsbo AQUAPEX tubing and installed by an Uponor-trained contractor.



**Uponor, Inc.**  
5925 148th Street West  
Apple Valley, MN 55124 USA  
Tel: (800) 321-4739  
Fax: (952) 891-2008  
**Web: [www.uponor-usa.com](http://www.uponor-usa.com)**

**Uponor Ltd.**  
2000 Argentia Rd., Plaza 1, Ste. 200  
Mississauga, ON L5N 1W1 CANADA  
Tel: (888) 994-7726  
Fax: (800) 638-9517  
**Web: [www.uponor.ca](http://www.uponor.ca)**