



PLUMBING SYSTEMS

## ENGINEERED PLASTIC (EP) FITTINGS

INFORMATION SHEET

# Release Your Dependence on Costly Metal Fittings — Switch to Uponor's Engineered Plastic (EP) Fittings

Tired of the ever-rising cost of copper, brass and other metals used for fittings? Now you can forever release your need for metal by switching to Uponor's engineered plastic (EP) fittings.

EP is a broad term covering proven, high-performance plastics (with or without fillers or reinforcements), which have mechanical, chemical and thermal properties suitable for demanding applications.

Proven for more than 10 years in plumbing applications, EP is used in installations that require the highest level of confidence, reliability and trust.

And EP fittings are quickly making their way into the professional plumbing sector. Tim Randles, commercial division manager of Monroe Plumbing in Burton, Ohio says after being introduced to EP fittings, his commercial division is sold on the product and all its benefits.

"I first heard about EP fittings while on a jobsite," says Randles. "Since using them, I have been extremely pleased with their durability and low cost."

Uponor offers several EP products designed to outperform and outlast other products because they resist corrosion, pitting, scaling and other issues associated with metal system components.

Featured in Uponor products such as ProPEX® fittings and EP branch and flow-through multi-port tees, EP is the material of choice among plumbing professionals. And when combined with Wirsbo AQUAPEX® tubing, you can offer a completely clean, healthy and all-plastic plumbing system.

Gain confidence while watching your bottom line — choose Uponor EP fittings for all your installation needs.



"Using the Uponor plumbing system with the EP fittings has saved us about half the time and thousands of dollars in labor costs."

— Tim Randles, Monroe Plumbing

### Features and Benefits of EP Fittings and the ProPEX® Connection Method

- Resists high-chlorine levels
- Resists ultraviolet light
- Millions of fittings in service
- No dangerous torches or smelly solvents and primer
- Holds tight in strength tests at 1,000 pounds of pull tension
- Resists corrosion, pitting, scaling and other issues associated with metal system components
- Visual system confirms tight connections and eliminates guesswork — can't be dry fit like other fitting systems
- Easily withstands hot and cold temperatures and high pressures well above the ASTM standard
- Combines with Uponor PEX tubing to offer a completely clean, healthy and all-plastic plumbing system — releasing the need for costly metals

# EP Fittings FAQs

## Why is EP better than copper or brass fittings?

EP is strong and durable, but without the corrosion problems and hefty price tag of copper and brass. Plumbers in the know are choosing EP because it stands up to harsh conditions and resists pitting, corroding and scaling associated with metal fittings. And since EP is made from plastic, it does not fall victim to the ever-rising cost of metals.

## Is EP truly as strong as other metal fittings?

EP has proven itself in more than 10 years of plumbing applications. In fact, other industry applications of EP include artificial hearts, kidney dialysis membranes and space suit visors. If EP can work in those situations, it can definitely work in your plumbing system.

## What products do you offer in EP?

Uponor offers a full line of EP products, including the EP Valved, Valveless and Flow-through Valveless Manifolds, the EP Branch and Flow-through Multi-port Tees, and various elbows, couplings, end caps, plugs and faucet adapters. For a complete listing of our EP offering, refer to the Uponor Product Catalog.

## What fitting system do you use with EP?

Uponor's exclusive ProPEX connection method is compatible with all Uponor EP products. ProPEX connections are strong, reliable and durable and use the shape memory of PEX to form water tight, leak-resistant connections.

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

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

