



PLUMBING SYSTEMS  
LEAD-FREE BRASS  
FITTINGS

PRODUCT GUIDE

# Uponor's Lead-free Brass Fittings

## Offer Industry's First Complete Lead-free Plumbing System from Inlet to Faucet

### Why Lead-free?

Recent lead-reduction legislation from states such as California (AB1953) and Vermont (S152) now require any plumbing product intended to convey or dispense potable tap (drinking) water must not contain more than 0.25% weighted average lead on wetted surfaces. With states such as Washington and Maryland proposing their own lead-reduction legislation, more and more states are predicted to follow suit.

This lead-reduction movement within the plumbing world means changes for manufacturers, suppliers and installers who must comply with the requirements when they take effect on Jan. 1, 2010 (currently for California and Vermont).

### Your Lead-free Plumbing Solution

Uponor is here to help, with the industry's first lead-free\* plumbing system from inlet to faucet. With a complete line of lead-free brass transition fittings and valves, an extensive engineered plastic (EP) offering and Out-of-the-Wall support system, Uponor provides all that is needed to plumb a complete home and comply with the lead-reduction laws.

### Benefits of an Uponor Lead-free Plumbing System

- Complete line of lead-free brass transition fittings, valves, stub outs, water-heater connectors and wall boxes
- Combine with Uponor's PEX-a tubing, EP offering and ProPEX Out-of-the-Wall for a complete lead-free plumbing system from inlet to faucet
- Carry the NSF us-pw-G marking for lead-free compliance
- Meet state lead-free legislation and exceed the United States Safe Drinking Water Act
- Feature Uponor's unique ProPEX fitting system for strong, secure connections without the need for torches, glues, solvents or gauges
- PEX-a tubing and ProPEX fittings backed by a 25-year limited warranty when installed by an Uponor-trained plumbing professional



ProPEX® is a registered trademark of Uponor, Inc. ProPEX™ is a trademark of Uponor Ltd.  
\*Per NSF Annex G, lead-free products contain not more than 0.25% weighted average lead content on wetted surfaces.

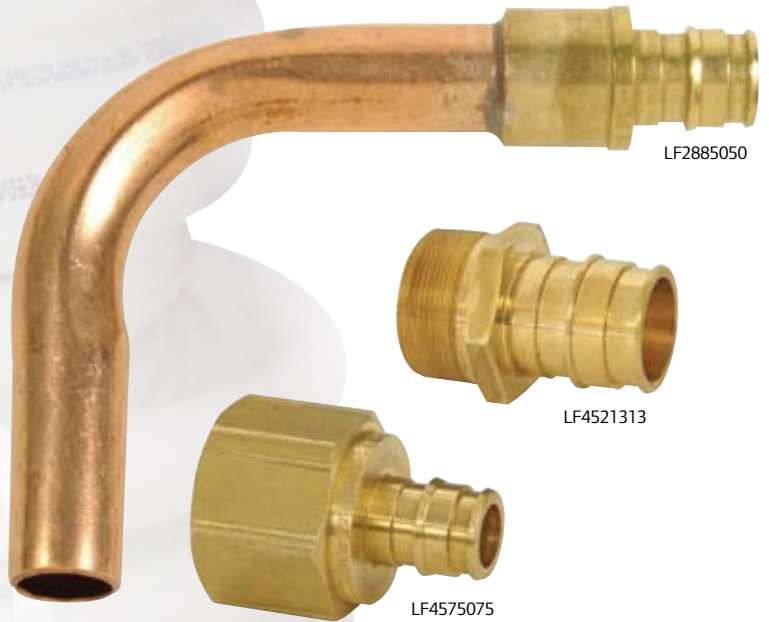
# Lead-free System Components

## PEX-a Tubing

Uponor PEX-a tubing is a healthy, lead-free alternative to copper and other rigid piping products. In fact, our tubing was the first and is the most widely used PEX for plumbing applications.

## Lead-free Brass

Uponor offers a complete line of lead-free brass transition fittings and valves that meet state lead-free legislation and the United States Safe Drinking Water Act.



## Engineered Plastic (EP)

Our selection of EP fittings, multi-port tees and in-line and stop valves support a lead-free system installation.

## Support Systems

Our innovative ProPEX Out-of-the-Wall Support System finishes off the layout for a complete lead-free plumbing offering.

## Codes and Standards

### Codes:

- IPC
- UPC
- NSPC
- NPC of Canada

### Manufacturing Standards:

- ASTM F877
- ASTM F1960
- CAN/CSA B137.5

### Product Listings:

- HUD MR 1269
- ICC ESR 1099
- ANSI/NSF Standard 14
- ANSI/NSF Standard 61
- NSF U.P. Code
- NSF Annex G



EP Multi-port Tee

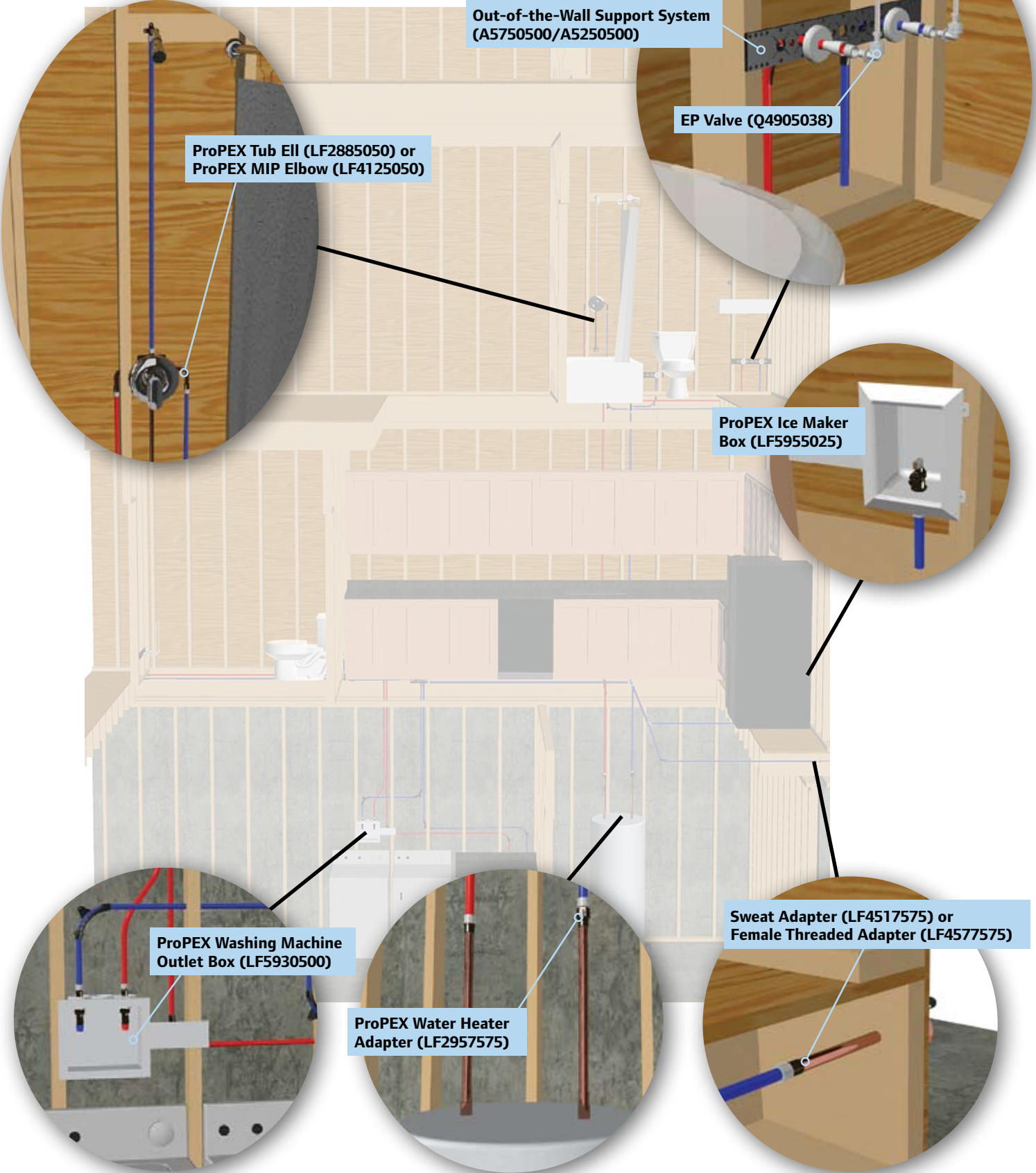


ProPEX Out-of-the-Wall Support System



# Uponor Lead-free Fitting Applications

Uponor offers all the lead-free transition fittings needed to plumb a complete home and comply with the lead-reduction laws.



**ProPEX Tub Eil (LF2885050) or ProPEX MIP Elbow (LF4125050)**

**Out-of-the-Wall Support System (A5750500/A5250500)**

**EP Valve (Q4905038)**

**ProPEX Ice Maker Box (LF5955025)**

**ProPEX Washing Machine Outlet Box (LF5930500)**

**ProPEX Water Heater Adapter (LF2957575)**

**Sweat Adapter (LF4517575) or Female Threaded Adapter (LF4577575)**

# Lead-free Brass Transition Fittings and Valves FAQs

## Why is Uponor offering lead-free brass transition fittings and valves?

Uponor is responding to recent proposed and approved lead-level and lead-free legislation from states such as California and Vermont. For example, California's lead-free legislation (AB1953) states that all metallic fittings, fixtures and any material that conveys potable tap (drinking) water must meet lead-level criteria at or below 0.25% by composition. In addition, these lead-free brass fittings also exceed the United States Safe Drinking Water Act.

## When is the current legislation set to take effect?

California and Vermont have already approved their proposed lead-free legislation, which takes effect Jan. 1, 2010. Once a state's legislation is approved and takes effect, all suppliers of metallic potable water components must prove their products meet the lead-level criteria by complying with the minimum requirement from the National Sanitation Foundation (NSF) and displaying the NSF us-pw-G markings.

## Does Uponor offer all the lead-free transition fittings needed to plumb a complete home?

Yes. Uponor offers a comprehensive line of sweat fittings, threaded fittings, stub-outs, valves and wall boxes that can plumb a home with up to 2" inlet. Combining these transition fittings with our PEX tubing, extensive EP offering and ProPEX Out-of-the-Wall support system offers the industry's first complete lead-free plumbing system from inlet to faucet.

## Does this lead-free requirement affect Uponor's PEX tubing or EP fittings?

No, Uponor's PEX tubing and EP fittings contain no lead-level concerns.

## Will lead-free brass replace the current yellow brass and dezincification resistant (DZR) brass fittings?

While we support the lead-free plumbing initiatives enacted by some states, we feel it is important to clarify that our standard 360 brass products meet or exceed all other state and federal requirements with respect to lead content, and we believe they are safe to use in their intended applications. Where lead-free requirements have not been enacted, we will continue to offer select choices of our standard 360 brass products along with our entire lead-free offering.

Regarding our DZR brass line, we will be discontinuing it and offering EP and lead-free brass alternatives where appropriate.

## Are Uponor lead-free brass fittings approved for direct burial in soil?

Yes, these fittings are approved for direct burial in soil and also replace our DZR brass fitting offering.



**For more information, visit our websites listed below.**

**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)**

**uponor**