

# Uponor ProPEX® Connection Method

## Greater Efficiencies. Stronger Connections.

In an industry surrounded by fluctuating costs, tight margins and high demand, you need a fitting system that will deliver fast results economically. You need Uponor's exclusive ProPEX® connection method — an easy, reliable and durable system. And because the ProPEX connection method is available in engineered polymer (EP), it reduces your need for costly metal fittings.

The ProPEX connection method carries nearly 30 years of steadfast service in plumbing, fire safety, and radiant heating and cooling systems. And Uponor is the pioneer in PEX for more than 40 years with 17 billion feet of pipe installed worldwide.

A ProPEX connection uses the shape memory of PEX piping to form a watertight, leak-resistant connection that won't let you down.

Just ask Mark Page of Thomas A. Page Company in Madison, Ohio. His family business needed an alternative to their costly and time-consuming crimp fitting system. In 2001, they decided to try the ProPEX connection method and were very pleased with the results.

"The ProPEX connection is strong, durable and much more professional looking," says Page. "We've been using the system for years now and it's never failed us."

Page says his company realizes great cost savings in installation time too.

"It's definitely a lot quicker than our previous connection system," he says. "Using ProPEX connections saves us about one day of labor on a 2,400-square-foot home."

But Page agrees the greatest feature about ProPEX is its positive connection.

"With crimp fittings, if you forget to crimp a ring, it leaks," he says. "With ProPEX, you can see the connection is complete just by looking at it."

And for even more assurance, Uponor backs its systems with a 25-year limited warranty, so you know the system you're installing is built to last.

With ProPEX, you're installing the highest-quality product for your customers at a cost comparably less than the competition. What more could you want?



### Uponor Meets Your Needs

- Offers a full range of sizes from 3/8" to 3"
- Holds tight in strength tests at 1,000 pounds of pull tension (2,900 pounds for 2" fittings)
- Visual system confirms tight connections and eliminates dry-fit concerns
- No calibration or go/no-go gauges required
- No dangerous torches or smelly solvents and primer
- Installs faster than brass or copper sweat
- Available in Uponor's full line of EP components — providing a durable and economical all-polymer system that costs less than brass or copper plumbing systems

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> Mark Page, Thomas A. Page Company



## PLUMBING, FIRE SAFETY, AND RADIANT SYSTEMS

### How does the ProPEX connection method work?

The ProPEX connection method uses the shape memory of Uponor's PEX piping to make a strong and tight reliable connection. To make a proper ProPEX connection, the installer places a ProPEX Ring over the end of the piping and expands the piping and ring using a ProPEX expansion tool.

The installer then places the expanded piping and ring over the fitting. The piping and ring then shrink around the fitting as they return to their original shape. The result is a permanent connection that is consistent every time without the use of torches, glues, or gauges.

### 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.

### Will the ProPEX connection method work with all Uponor PEX pipe?

Yes. ProPEX connections are compatible with both Uponor AquaPEX® and Wirsbo hePEX™ pipe.

### Why would someone want to use the ProPEX connection method?

Because the ProPEX connection is available in an all-polymer design and does not carry the cost-fluctuations of metals like copper and brass, it is a more economical fitting system. Additionally, because the ProPEX connection method only requires one tool and no torches, glues, or gauges, it is much faster and easier to install.

### Are there any special tools required to make a ProPEX connection?

Yes, there is only one tool required to make a ProPEX connection – a ProPEX expander tool. This tool comes in electro-hydraulic, battery or manual power to accommodate any installer's requirements.

### What kinds of fittings are compatible with the ProPEX connection method?

ProPEX fittings are available in brass, lead-free brass, and EP. The benefit of EP fittings means you have an all-polymer system, which is free from lead concerns and the rising costs of metal.



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