



RADIANT HEATING, PLUMBING
AND FIRE SAFETY SYSTEMS

ProPEX® CONNECTION METHOD

INFORMATION SHEET

Are You Ready to Save Significant Time and Money on Your Installs? Switch to Uponor's ProPEX® Connection Method

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 Uponor's engineered plastic (EP) fitting system, it forever releases you from the need of costly metal fittings.

The ProPEX connection method carries more than 12 years of steadfast service in plumbing, fire safety and radiant heating systems. And Uponor crosslinked polyethylene (PEX) tubing is the best in the business with more than two billion feet of tubing in service in North America alone and more than 12 billion feet installed worldwide.

A ProPEX connection uses the shape memory of PEX tubing 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 as well.

"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



"I'm grateful for the switch — the ProPEX connection method has saved us a lot of time and money."

— Mark Page, Thomas A. Page Company

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?

Features and Benefits of the ProPEX Connection Method

- Offers a full range of sizes from 3/8 inch to 2 inches
- Holds tight in strength tests at 1,000 pounds of pull tension
- Visual system confirms tight connections and eliminates guesswork
- No calibration or go/no-go gauges required
- No dangerous torches or smelly solvents and primer
- Takes less time to install than brass or copper sweat fittings
- Available in Uponor's full line of EP components — providing a durable and economical all-plastic system that costs less than brass or copper plumbing systems

ProPEX FAQs

How does the ProPEX connection method work?

The ProPEX connection method uses the shape memory of Uponor's PEX tubing 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 tubing and expands the tubing and ring using an expander tool (air, battery or manual).

The installer then places the expanded tubing and ring over the fitting. The tubing 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.

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 air, battery or manual power to accommodate any installer's requirements.

Why would someone want to use the ProPEX connection method?

Because the ProPEX connection is available in an all-plastic 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.

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 tubing?

Yes. ProPEX connections are compatible with both Wirsbo AQUAPEX® tubing and Wirsbo hePEX™ plus tubing.

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

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



Uponor, Inc.
5925 148th Street West
Apple Valley, MN 55124 USA

Tel: (800) 321-4739
Fax: (952) 891-1409
Web: www.uponor-usa.com

Uponor