



uponor

RADIANT HEATING,
PLUMBING AND
FIRE SAFETY SYSTEMS

**ProPEX® AUTO
ROTATION ADAPTER**

**FREQUENTLY
ASKED QUESTIONS**

ProPEX® Auto Rotation Adapter FAQs

What PEX tubing sizes work with the ProPEX® Auto Rotation Adapter?

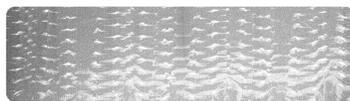
The adapter works with Uponor PEX tubing sizes $\frac{3}{8}$ inch to 1 inch when using standard expansion heads. H-heads are intended for larger tubing dimensions and are not suitable for use with the adapter.

Who benefits from using the ProPEX Auto Rotation Adapter?

Everyone benefits: Trainers, novice and advanced installers — even very experienced users. It's made for whoever desires a more consistent connection.

Why use the ProPEX Auto Rotation Adapter?

The goal is to ensure there are no vertical (parallel with the tubing) grooves visible after tubing expansion. The adapter rotates the expander head segments slightly to ensure that



Correct tubing expansion



Incorrect tubing expansion

the grooves between the segments do not land on the same place after each expansion. The grooves can result in potential leak paths.

What happens if I turn the tubing?

It is not necessary to turn the tubing or the tool during expansion when using the adapter. If you do turn the tubing or tool, it will not impact the final connection.

How will the tubing dimensions affect installation with the ProPEX Auto Rotation Adapter?

On $\frac{3}{8}$ -inch and 1-inch tubing, the adapter may not cause the expander segments to turn after every expansion. A greater number of expansions are required for $\frac{3}{8}$ -inch and 1-inch tubing. This ensures that the tubing segments are rotated sufficiently to eliminate grooves, which can lead to potential leak paths.

Will the ProPEX Auto Rotation Adapter decrease sealing time in cooler temperatures?

The shape memory of Uponor PEX-a tubing is time- and temperature-dependent. This means that the PEX-a material requires more time to come back to its original size and shape after expansion in cooler weather conditions. Improper expansion techniques (lack of tool rotation, over-expansion, etc.) can lead to grooves in the tubing. This will increase sealing time especially in cooler conditions. The adapter ensures that the expander segments are rotated, which eliminates the vertical grooves that can lead to a slower-than-normal seal.



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