



Install copper press to PEX. Faster. Easier. Safer.

With hybrid copper-to-PEX piping systems increasing in commercial construction and tight project schedules, rising labor costs and fewer skilled tradespeople than ever before, you need a solution that meets your needs.

Uponor's new ProPEX® to copper press offering is the faster, easier and safer fitting solution that delivers consistency, confidence and performance for plumbing and hydronic piping applications.

Benefits

- Faster installations for greater profitability
- No dangerous hot work for a safer jobsite
- For use with ASTM B88 Type K, L or M copper pipe and ASME B16.51 copper press fittings to deliver value with any application design
- Simple, reliable ProPEX connections cannot be dry fit, offering superior system confidence
- Available in 1/2" to 3" sizes in lead-free (LF) brass to meet potable plumbing requirements
- 25-year transferable warranty for unmatched peace of mind

ProPEX LF brass copper press adapters

Part no.	Part description
LFP4515050	ProPEX LF Brass Copper Press Adapter, 1/2" PEX x 1/2" Copper
LFP4517575	ProPEX LF Brass Copper Press Adapter, 3/4" PEX x 3/4" Copper
LFP4511010	ProPEX LF Brass Copper Press Adapter, 1" PEX x 1" Copper
LFP4511313	ProPEX LF Brass Copper Press Adapter, 1 1/4" PEX x 1 1/4" Copper
LFP4511515	ProPEX LF Brass Copper Press Adapter, 1 1/2" PEX x 1 1/2" Copper
LFP4512020	ProPEX LF Brass Copper Press Adapter, 2" PEX x 2" Copper
LFP4512525	ProPEX LF Brass Copper Press Adapter, 2 1/2" PEX x 2 1/2" Copper
LFP4513030	ProPEX LF Brass Copper Press Adapter, 3" PEX x 3" Copper

ProPEX LF brass copper press fitting adapters

Part no.	Part description
LFP4505050	ProPEX LF Brass Copper Press Fitting Adapter, 1/2" PEX x 1/2" Copper
LFP4507575	ProPEX LF Brass Copper Press Fitting Adapter, 3/4" PEX x 3/4" Copper
LFP4501010	ProPEX LF Brass Copper Press Fitting Adapter, 1" PEX x 1" Copper
LFP4501313	ProPEX LF Brass Copper Press Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper
LFP4501515	ProPEX LF Brass Copper Press Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper
LFP4502020	ProPEX LF Brass Copper Press Fitting Adapter, 2" PEX x 2" Copper
LFP4502525	ProPEX LF Brass Copper Press Fitting Adapter, 2 1/2" PEX x 2 1/2" Copper
LFP4503030	ProPEX LF Brass Copper Press Fitting Adapter, 3" PEX x 3" Copper



Frequently asked questions

With which plumbing standards is this offering compatible?

The offering is compatible with ASTM B88 Type K, L or M copper pipe and ASME B16.51 copper press fittings.

What is the operating temperature range for these adapters?

For hot and cold potable water, chilled water and hydronic heating and cooling applications, the range is 0°F (-17.8°C) to 200°F (93.3°C). Note that the Plastics Pipe Institute (PPI) issues the following operating temperature and pressure ratings for PEX piping systems: 200°F (93.3°C) at 80psi, 180°F (82.2°C) at 100psi and 73.4°F (23°C) at 160psi.

Are the adapters acceptable for use in direct-burial applications?

Yes, however they must be wrapped with 6 mil poly material for direct burial in soil or concrete.

How can I tell if the press process is complete?

The ½" to 2" press adapter connections display jaw marks on the brass indicating a proper connection. The 2½" to 3" press adapter connections feature a tag that breaks to indicate a proper connection (note you must remove this tag after completing the connection).

Where do I access installation instructions for the Uponor adapters?

For press fitting adapters, refer to the copper press fitting supplier's installation instructions to verify a completed press connection. For press adapters, refer to uponorpro.com/press.

Which press tools and jaws are approved for use with the Uponor offering?

Refer to the charts on this page for the approved tools.

In what types of systems can I use these adapters?

The adapters are suitable for use in hot and cold potable water, chilled water and hydronic heating and cooling applications.

Why don't the 2½" and 3" press adapters have a stainless-steel ring like other press adapters on the market?

The 2½" and 3" press adapters incorporate a patented design that securely fastens the pipe and fitting together, eliminating the need for a ring.

Jaw compatibility for 2½" to 3" adapters

Milwaukee® M18™ standard jaws	RIDGID®/Viega® standard jaws
2½" 49-16-2656	2½" 20453
3" 49-16-2657	3" 20548
Ring jaw 49-16-2659	Actuator 21878

Note: The 2½" to 3" press adapter connections feature a tag that breaks to indicate a proper connection. This tag must be removed after completing the connection.

Jaw compatibility for ½" to 2" adapters

Milwaukee M12™ compact jaws	RIDGID/Viega compact jaws	NIBCO® compact jaws
½" 49-16-2450	½" 16958	Not available
¾" 49-16-2451	¾" 16963	Not available
1" 49-16-2452	1" 16978	Not available
1¼" 49-16-2453	1¼" 31228	Not available
Milwaukee M18 standard jaws ¹	RIDGID/Viega standard jaws	NIBCO standard jaws
½" 49-16-2650	½" 76652	½" PC-10S
¾" 49-16-2651	¾" 76657	¾" PC-11S
1" 49-16-2652	1" 76662	1" PC-12S
1¼" 49-16-2653	1¼" 76667	1¼" PC-13S
1½" 49-16-2654	1½" 76672	1½" PC-14S
2" 49-16-2655	2" 76677	2" PC-15S

¹Testing proved only the 2" NIBCO fitting required two complete press cycles to complete the connection.

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