



ProPEX® LF Brass Copper Press Adapters

Industry-first innovation to design smarter and install faster

A first in the industry, Uponor ProPEX® copper press adapters provide fast, consistent, reliable connections for ASTM F1960 ProPEX expansion systems to copper press systems for plumbing and hydronic piping applications.

This innovative offering allows professionals to design and install a hybrid PEX expansion to copper press system quickly, easily, safely and reliably to ensure projects stay on schedule and on budget.

The Uponor advantage

- Only PEX-to-copper press adapter in the industry for ASTM F1960 ProPEX expansion connections
- Faster installations compared to copper sweat transitions for greater profitability
- Eliminates hot work for safer job sites
- Reduces liability with the only PEX connection system that cannot be dry fit
- Available in 1/2" to 3" sizes; only PEX-to-copper press adapter available in 2 1/2" and 3" sizes
- Manufactured from high-quality, lead-free brass to meet potable-plumbing requirements
- Confidently backed by a 25-year transferable limited warranty for unmatched peace of mind

ProPEX LF brass copper press adapters

Part no.	Part description	Pkg. qty.
LFP4515050	ProPEX LF Brass Copper Press Adapter, 1/2" PEX x 1/2" Copper	25
LFP4517575	ProPEX LF Brass Copper Press Adapter, 3/4" PEX x 3/4" Copper	25
LFP4511010	ProPEX LF Brass Copper Press Adapter, 1" PEX x 1" Copper	10
LFP4511313	ProPEX LF Brass Copper Press Adapter, 1 1/4" PEX x 1 1/4" Copper	1
LFP4511515	ProPEX LF Brass Copper Press Adapter, 1 1/2" PEX x 1 1/2" Copper	1
LFP4512020	ProPEX LF Brass Copper Press Adapter, 2" PEX x 2" Copper	1
LFP4512525	ProPEX LF Brass Copper Press Adapter, 2 1/2" PEX x 2 1/2" Copper	1
LFP4513030	ProPEX LF Brass Copper Press Adapter, 3" PEX x 3" Copper	1

ProPEX LF brass copper press fitting adapters

Part no.	Part description	Pkg. qty.
LFP4505050	ProPEX LF Brass Copper Press Fitting Adapter, 1/2" PEX x 1/2" Copper	25
LFP4507575	ProPEX LF Brass Copper Press Fitting Adapter, 3/4" PEX x 3/4" Copper	25
LFP4501010	ProPEX LF Brass Copper Press Fitting Adapter, 1" PEX x 1" Copper	10
LFP4501313	ProPEX LF Brass Copper Press Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	1
LFP4501515	ProPEX LF Brass Copper Press Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	1
LFP4502020	ProPEX LF Brass Copper Press Fitting Adapter, 2" PEX x 2" Copper	1
LFP4502525	ProPEX LF Brass Copper Press Fitting Adapter, 2 1/2" PEX x 2 1/2" Copper	1
LFP4503030	ProPEX LF Brass Copper Press Fitting Adapter, 3" PEX x 3" Copper	1



Frequently asked questions

Which standards and listings does this offering meet?

Standards:

ASTM F877; ASTM F1960; CSA B137.5; ASME B16.51;
ICC-ES LC1002; IAPMO PS117

Listings:

NSF 14; NSF 61; NSF 372; ICC-PMG-1006; ICC-PMG-1412;
HUD-MR 1269

What is the operating temperature range for these adapters?

For hot and cold potable 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.

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 completed connection. The 2½" to 3" press adapter connections feature a tag that breaks to indicate a completed connection (this tag can be removed after completing the connection).

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.

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 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 completed connection. This tag can 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	RIDGID/Viega standard jaws	NIBCO standard jaws ¹
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.

Uponor Inc.

5925 148th Street West
Apple Valley, MN 55124
USA

T 800.321.4739
F 952.891.2008

Uponor Ltd.

6510 Kennedy Road
Mississauga, ON L5T 2X4
CANADA

T 888.994.7726
F 800.638.9517