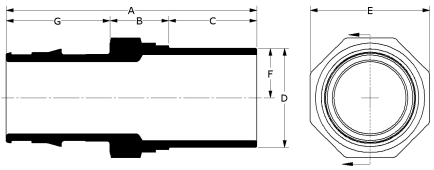
ProPEX lead-free (LF) brass copper press fitting adapters

Project information

Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material	LF Brass
Temp/pressure ratings	73 °F (23 °C) at 160 psi (11 bar) 180 °F (82 °C) at 100 psi (6.9 bar) 200 °F (93 °C) at 80 psi (5.5 bar)
Prop 65 label required?	Yes



Product information and application use

Uponor ProPEX® lead-free (LF) brass copper press fitting adapters transition copper fittings to Uponor PEX. The adapters are approved for use in hot and cold potable water and hydronic heating and cooling systems.

Note: Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PEX Piping Systems Design and Installation Manual.

	Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	Cv	Equivalent length through [ft]	End Type 1
	ProPEX LF Brass Copper Press Fitting Adapter, 1/2" PEX x 1/2" Copper	LFP4505050	2.009	0.553	0.748	0.624	0.906	0.312	0.709	5.6	2.1	ProPEX 1/2"
	ProPEX LF Brass Copper Press Fitting Adapter, 3/4" PEX x 3/4" Copper	LFP4507575	2.404	0.593	0.866	0.874	1.083	0.437	0.945	12.8	2.4	ProPEX 3/4"
✔	ProPEX LF Brass Copper Press Fitting Adapter, 1" PEX x 1" Copper	LFP4501010	2.851	0.67	1	1.125	1.358	0.563	1.181	21.4	3.1	ProPEX 1"
	ProPEX LF Brass Copper Press Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	LFP4501313	3.289	0.769	1.075	1.374	1.634	0.687	1.445	31.5	4.7	ProPEX 1-1/4"
	ProPEX LF Brass Copper Press Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	LFP4501515	3.88	0.739	1.437	1.625	1.85	0.813	1.704	43.5	4.8	ProPEX 1-1/2"
	ProPEX LF Brass Copper Press Fitting Adapter, 2" PEX x 2" Copper	LFP4502020	4.65	0.929	1.575	2.125	2.559	1.063	2.147	81.5	5.61	ProPEX 2"
	ProPEX LF Brass Copper Press Fitting Adapter, 2 1/2" PEX x 2 1/2" Copper	LFP4502525	5.85	1.406	1.614	2.624	3.15	1.312	2.83	137	6.89	ProPEX 2-1/2"
	ProPEX LF Brass Copper Press Fitting Adapter, 3" PEX x 3" Copper	LFP4503030	6.671	1.48	1.811	3.125	3.622	1.563	3.38	187.1	9.4	ProPEX 3"

	Part name	Part no.	End Type 2	Weight per UOM [lbs/UOM]
	ProPEX LF Brass Copper Press Fitting Adapter, 1/2" PEX x 1/2" Copper	LFP4505050	Copper Press 1/2"	0.1
	ProPEX LF Brass Copper Press Fitting Adapter, 3/4" PEX x 3/4" Copper	LFP4507575	Copper Press 3/4"	0.16
✔	ProPEX LF Brass Copper Press Fitting Adapter, 1" PEX x 1" Copper	LFP4501010	Copper Press 1"	0.26
	ProPEX LF Brass Copper Press Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	LFP4501313	Copper Press 1-1/4"	0.44
	ProPEX LF Brass Copper Press Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	LFP4501515	Copper Press 1-1/2"	0.62
	ProPEX LF Brass Copper Press Fitting Adapter, 2" PEX x 2" Copper	LFP4502020	Copper Press 2"	1.3
	ProPEX LF Brass Copper Press Fitting Adapter, 2 1/2" PEX x 2 1/2" Copper	LFP4502525	Copper Press 2-1/2"	2.66
	ProPEX LF Brass Copper Press Fitting Adapter, 3" PEX x 3" Copper	LFP4503030	Copper Press 3"	3.58

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Part name	Part no.	Codes	Standards	Listings
ProPEX lead-free (LF) brass copper press fitting adapters	All	UPC|IBC|IRC|IPC|NPC of Canada|UMC|NSPC|IMC	ASME B16.51|IAPMO PS 117|NSF/ANSI/CAN 372|ASTM F877|ICC-ES LC1002|ASTM F1960|CSA B137.5|NSF/ANSI/CAN 61|NSF/ANSI 14	IAPMO-ES|cNSFus-pw-G|U.P.Code|ICC-PMG-1412
In addition, the following parts have additional codes, standards, or listings:				
ProPEX LF Brass Copper Press Fitting Adapter, 1/2" PEX x 1/2" Copper	LFP4505050			
ProPEX LF Brass Copper Press Fitting Adapter, 3/4" PEX x 3/4" Copper	LFP4507575			
ProPEX LF Brass Copper Press Fitting Adapter, 2" PEX x 2" Copper	LFP4502020			
ProPEX LF Brass Copper Press Fitting Adapter, 2 1/2" PEX x 2 1/2" Copper	LFP4502525			

Installation	Related applications
Use ProPEX tool and ProPEX rings (sold separately) for connecting the PEX pipe. For more information, refer to the Uponor Piping Pocket Guide. Follow press tool manufacturers' install instructions for the male or female press end of the adapter.	PEX-a Plumbing Systems Hydronic heating and cooling systems Permafrost Protection Systems

Footnotes	Contact information	
-	Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739	Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726

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