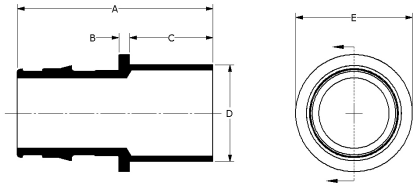
ProPEX lead-free (LF) brass sweat fitting adapters

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

ProPEX® lead-free (LF) brass fitting adapters transition PEX tubing to copper fittings. These adapters are approved for use in hot and cold domestic potable water systems and hydronic radiant heating systems. One end of the adapter is manufactured with an Uponor ProPEX fitting for connections to Wirsbo hePEX™ tubing or Uponor AquaPEX® tubing. These adapters are safe for direct burial in soil.

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]	End Type 1	End Type 2	Weight per UOM [lbs/UOM]
ProPEX LF Brass Sweat Fitting Adapter, 1/2" PEX x 1/2" Copper	LF4505050	1.394	0.125	0.56	0.624	0.77	0.312	0.709	ProPEX 1/2"	Sweat 1/2"	0.06
ProPEX LF Brass Sweat Fitting Adapter, 1/2" PEX x 3/4" Copper	LF4505075	1.644	0.125	0.81	0.874	0.916	0.437	0.709	ProPEX 1/2"	Sweat 3/4"	0.08
ProPEX LF Brass Sweat Fitting Adapter, 3/4" PEX x 1/2" Copper	LF4507550	1.63	0.125	0.56	0.624	1.1	0.312	0.945	ProPEX 3/4"	Sweat 1/2"	0.09
ProPEX LF Brass Sweat Fitting Adapter, 3/4" PEX x 3/4" Copper	LF4507575	1.88	0.125	0.81	0.874	1.1	0.437	0.945	ProPEX 3/4"	Sweat 3/4"	0.12
ProPEX LF Brass Sweat Fitting Adapter, 1" PEX x 1" Copper	LF4501010	2.276	0.125	0.97	1.126	1.36	0.563	1.181	ProPEX 1"	Sweat 1"	0.19
ProPEX LF Brass Sweat Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	LF4501313	2.6	0.125	1.03	1.374	1.64	0.687	1.445	ProPEX 1-1/4"	Sweat 1-1/4"	0.4
ProPEX LF Brass Sweat Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	LF4501515	2.989	0.125	1.16	1.624	1.85	0.812	1.704	ProPEX 1-1/2"	Sweat 1-1/2"	0.5
ProPEX LF Brass Sweat Fitting Adapter, 2" PEX x 2" Copper	LF4502020	3.807	0.25	1.41	2.124	2.6	1.062	2.147	ProPEX 2"	Sweat 2"	0.8
ProPEX LF Brass Sweat Fitting Adapter, 3/4" PEX x 1" Copper	LF4507510	2.04	0.125	0.97	1.124	1.17	0.562	0.945	ProPEX 3/4"	Sweat 1"	0.14

© 2026 Uponor North America. All Rights Reserved

Part name	Part no.	Codes	Standards	Listings
ProPEX lead-free (LF) brass sweat fitting adapters	All	UPC|IBC|IRC|IPC|NPC of Canada|UMC|USEHC|NSPC|IMC	ASTM F877|ASTM F1960|CSA B137.5	HUD MR 1269|ICC-ES-PMG|cNSFus-pw-G|U.P.Code
In addition, the following parts have additional codes, standards, or listings:				
ProPEX LF Brass Sweat Fitting Adapter, 1/2" PEX x 1/2" Copper	LF4505050		NSF/ANSI/CAN 372|NSF/ANSI/CAN 61|NSF/ANSI 14	
ProPEX LF Brass Sweat Fitting Adapter, 1/2" PEX x 3/4" Copper	LF4505075		NSF/ANSI/CAN 372|NSF/ANSI/CAN 61|NSF/ANSI 14	
ProPEX LF Brass Sweat Fitting Adapter, 3/4" PEX x 1/2" Copper	LF4507550		NSF/ANSI/CAN 372|NSF/ANSI/CAN 61|NSF/ANSI 14	
ProPEX LF Brass Sweat Fitting Adapter, 3/4" PEX x 3/4" Copper	LF4507575		NSF/ANSI/CAN 372|NSF/ANSI/CAN 61|NSF/ANSI 14	
ProPEX LF Brass Sweat Fitting Adapter, 1" PEX x 1" Copper	LF4501010		NSF/ANSI/CAN 372|NSF/ANSI/CAN 61|NSF/ANSI 14	
ProPEX LF Brass Sweat Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	LF4501313		NSF-372|NSF-61|NSF-14	
ProPEX LF Brass Sweat Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	LF4501515		NSF-372|NSF-61|NSF-14	
ProPEX LF Brass Sweat Fitting Adapter, 2" PEX x 2" Copper	LF4502020		NSF/ANSI/CAN 372|NSF/ANSI/CAN 61|NSF/ANSI 14	
ProPEX LF Brass Sweat Fitting Adapter, 3/4" PEX x 1" Copper	LF4507510		NSF/ANSI/CAN 372|NSF/ANSI/CAN 61|NSF/ANSI 14	

Installation	Related applications
ProPEX tool and ProPEX rings (sold separately) are required for connecting the PEX tubing. Do not solder within 18" of ProPEX fittings. For more information, refer to the AquaPEX Professional Plumbing Installation Guide or Radiant Floor Heating Installation Handbook.	PEX-a Plumbing Systems Radiant Heating and Cooling Systems Permafrost Protection Systems Turf Conditioning Systems

Footnotes	Contact information	
-	Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739 F 952.891.2008	Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.638.9517

© 2026 Uponor North America. All Rights Reserved