

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.





Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	Weight per UOM [ibs/UOM]	Equivalent length branch [ft]	Equivalent length through [ft]
LF4501010	2.276	0.125	0.97	1.126	1.36	0.563	1.181	0.19	-	-
LF4501313	2.6	0.125	1.03	1.374	1.64	0.687	1.445	0.4	-	-
LF4501515	2.989	0.125	1.16	1.624	1.85	0.812	1.704	0.5	-	-
LF4502020	3.807	0.25	1.41	2.124	2.6	1.062	2.147	0.8	-	-
LF4505050	1.394	0.125	0.56	0.624	0.77	0.312	0.709	0.06	-	-
LF4505075	1.644	0.125	0.81	0.874	0.916	0.437	0.709	0.08	-	-
LF4507510	2.04	0.125	0.97	1.124	1.17	0.562	0.945	0.14	-	-
LF4507550	1.63	0.125	0.56	0.624	1.1	0.312	0.945	0.09	-	-
LF4507575	1.88	0.125	0.81	0.874	1.1	0.437	0.945	0.12	-	-
	LF4501010 LF4501313 LF4501515 LF4502020 LF4505050 LF45075510 LF4507550	Part no. [inch] LF4501010 2.276 LF4501313 2.6 LF4501515 2.989 LF4502020 3.807 LF4505050 1.394 LF4507510 2.04 LF4507550 1.63	Part no. [Inch] [Inch] LF4501010 2.276 0.125 LF4501313 2.6 0.125 LF4501515 2.989 0.125 LF4502020 3.807 0.25 LF4505050 1.394 0.125 LF4505075 1.644 0.125 LF4507510 2.04 0.125 LF4507550 1.63 0.125	Part no. [inch] [inch] [inch] LF4501010 2.276 0.125 0.97 LF4501313 2.6 0.125 1.03 LF4501515 2.989 0.125 1.16 LF4502020 3.807 0.25 1.41 LF4505050 1.394 0.125 0.56 LF4505075 1.644 0.125 0.81 LF4507510 2.04 0.125 0.97 LF4507550 1.63 0.125 0.56	Part no. [inch] [inch] [inch] [inch] LF4501010 2.276 0.125 0.97 1.126 LF4501313 2.6 0.125 1.03 1.374 LF4501515 2.989 0.125 1.16 1.624 LF4502020 3.807 0.25 1.41 2.124 LF4505050 1.394 0.125 0.56 0.624 LF4505075 1.644 0.125 0.81 0.874 LF4507510 2.04 0.125 0.97 1.124 LF4507550 1.63 0.125 0.56 0.624	Part no. [Inch] [Inch] [Inch] [Inch] [Inch] [Inch] LF4501010 2.276 0.125 0.97 1.126 1.36 LF4501313 2.6 0.125 1.03 1.374 1.64 LF4501515 2.989 0.125 1.16 1.624 1.85 LF4502020 3.807 0.25 1.41 2.124 2.6 LF4505050 1.394 0.125 0.56 0.624 0.77 LF4505075 1.644 0.125 0.81 0.874 0.916 LF4507510 2.04 0.125 0.97 1.124 1.17 LF4507550 1.63 0.125 0.56 0.624 1.1	Part no. [inch] [inch] [inch] [inch] [inch] [inch] [inch] [inch] LF4501010 2.276 0.125 0.97 1.126 1.36 0.563 LF4501313 2.6 0.125 1.03 1.374 1.64 0.687 LF4501515 2.989 0.125 1.16 1.624 1.85 0.812 LF4502020 3.807 0.25 1.41 2.124 2.6 1.062 LF4505050 1.394 0.125 0.56 0.624 0.77 0.312 LF4505075 1.644 0.125 0.81 0.874 0.916 0.437 LF4507510 2.04 0.125 0.97 1.124 1.17 0.562 LF4507550 1.63 0.125 0.56 0.624 1.1 0.312	Part no. [inch] [inch	Part no. A [inch] B [inch] C [inch] B [inch] E [inch] F [inch] G [inch] per UOM [ibs/UOM] LF4501010 2.276 0.125 0.97 1.126 1.36 0.563 1.181 0.19 LF4501313 2.6 0.125 1.03 1.374 1.64 0.687 1.445 0.4 LF4501515 2.989 0.125 1.16 1.624 1.85 0.812 1.704 0.5 LF4502020 3.807 0.25 1.41 2.124 2.6 1.062 2.147 0.8 LF4505050 1.394 0.125 0.56 0.624 0.77 0.312 0.709 0.06 LF4505075 1.644 0.125 0.81 0.874 0.916 0.437 0.709 0.08 LF4507510 2.04 0.125 0.97 1.124 1.17 0.562 0.945 0.14 LF4507550 1.63 0.125 0.56 0.624 1.1 0.312 0.945	Part no. A [inch] B [inch] C [inch] E [inch] F [inch] G [inch] per UOM [ibs/UOM] length branch [ft] LF4501010 2.276 0.125 0.97 1.126 1.36 0.563 1.181 0.19 - LF4501313 2.6 0.125 1.03 1.374 1.64 0.687 1.445 0.4 - LF4501515 2.989 0.125 1.16 1.624 1.85 0.812 1.704 0.5 - LF4502020 3.807 0.25 1.41 2.124 2.6 1.062 2.147 0.8 - LF4505050 1.394 0.125 0.56 0.624 0.77 0.312 0.709 0.06 - LF4505075 1.644 0.125 0.81 0.874 0.916 0.437 0.709 0.08 - LF4507510 2.04 0.125 0.97 1.124 1.17 0.562 0.945 0.14 - LF4507550 1.63

Part name	Part no.	End Type 1	End Type 2
ProPEX LF Brass Sweat Fitting Adapter, 1" PEX x 1" Copper	LF4501010	ProPEX 1"	Sweat 1"
ProPEX LF Brass Sweat Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper	LF4501313	ProPEX 1-1/4"	Sweat 1-1/4"
ProPEX LF Brass Sweat Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper	LF4501515	ProPEX 1-1/2"	Sweat 1-1/2"
ProPEX LF Brass Sweat Fitting Adapter, 2" PEX x 2" Copper	LF4502020	ProPEX 2"	Sweat 2"
ProPEX LF Brass Sweat Fitting Adapter, 1/2" PEX x 1/2" Copper	LF4505050	ProPEX 1/2"	Sweat 1/2"
ProPEX LF Brass Sweat Fitting Adapter, 1/2" PEX x 3/4" Copper	LF4505075	ProPEX 1/2"	Sweat 3/4"
ProPEX LF Brass Sweat Fitting Adapter, 3/4" PEX x 1" Copper	LF4507510	ProPEX 3/4"	Sweat 1"
ProPEX LF Brass Sweat Fitting Adapter, 3/4" PEX x 1/2" Copper	LF4507550	ProPEX 3/4"	Sweat 1/2"
ProPEX LF Brass Sweat Fitting Adapter, 3/4" PEX x 3/4" Copper	LF4507575	ProPEX 3/4"	Sweat 3/4"

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

Codes	Standards	Listings
UPC IBC IRC IPC NPC of Canada UMC USEHC NSPC IMC	NSF-372 ASTM F877 ASTM F1960 CSA B137.5 NSF-61 NSF-14	HUD MR 1269 ICC-ES-PMG cNSFus-pw-G U.P.Code

Footnotes	Contact information			
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