

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