

ProPEX lead-free (LF) brass and brass coupling

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

Technical data

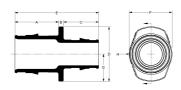
Temp/pressure ratings 73 °F (23 °C) at 160 psi (11 bar)

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 couplings are available for use in hot and cold domestic potable w ater and hydronic heating and cooling systems.1 The coupling features the Uponor ProPEX fitting for connections to Wirsbo hePEX™ tubing or Uponor AquaPEX® tubing. Couplings are safe for direct burial in soil.



Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	H [inch]	Weight per UOM [lbs/UOM]	Material group
ProPEX LF Brass Coupling, 1" PEX x 1" PEX	LF4541010	1.181	0.125	1.181	1.38	2.487	1.38	0.69	0.69	0.2	-
ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX	LF4543850	0.709	0.125	0.591	0.74	1.425	0.74	0.37	0.37	0.05	-
ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	LF4545050	0.709	0.125	0.709	0.79	1.543	0.79	0.395	0.395	0.07	-
ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	LF4547510	0.945	0.125	1.181	1.38	2.251	1.38	0.69	0.69	0.16	-
ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	LF4547575	0.945	0.125	0.945	1.1	2.015	1.1	0.55	0.55	0.13	-
ProPEX Brass Coupling, 5/8" PEX x 5/8" PEX	Q4546363	0.866	0.125	0.866	0.94	1.857	0.94	0.47	0.47	0.08	-

Part name	Part no.	End Type 1	End Type 2
ProPEX LF Brass Coupling, 1" PEX x 1" PEX	LF4541010	ProPEX 1"	ProPEX 1"
ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX	LF4543850	ProPEX 3/8"	ProPEX 1/2"
ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX	LF4545050	ProPEX 1/2"	ProPEX 1/2"
ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX	LF4547510	ProPEX 3/4"	ProPEX 1"
ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX	LF4547575	ProPEX 3/4"	ProPEX 3/4"
ProPEX Brass Coupling, 5/8" PEX x 5/8" PEX	Q4546363	ProPEX 5/8"	ProPEX 5/8"

Installation Related applications

ProPEX tools and ProPEX rings (sold separately) are required for connecting the PEX tubing. Use the appropriately sized Uponor ProPEX ring for tubing connections. For more information, refer to the Uponor AquaPEX professional plumbing installation guide, the Uponor AquaSAFETM residential fire sprinkler installation guide or the Uponor radiant floor heating installation handbook.

PEX-a Plumbing Systems

Uponor Residential Fire Safety Systems

Radiant Heating and Cooling Systems

Permafrost Protection Systems

Turf Conditioning Systems

Codes	Standards	Listings
IMC IBC IRC NPC of Canada UMC*	ASTM F1960 CSA B137.5 NSF-14 ASTM F877*	IAPMO-ES ICC-ES-PMG cNSFus-rfh*

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

^{*} Some SKUs in this family have additional codes, standards, or listings. Please see uponor.com for