

ProPEX lead-free (LF) brass male threaded adapters

Project Information

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

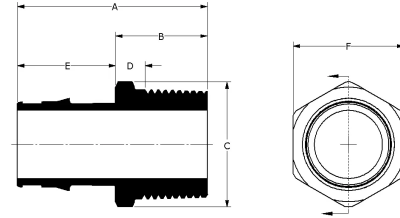
Technical data

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 male threaded adapters connect Uponor PEX tubing to male NPT threads for use in hot and cold domestic potable water systems, residential fire safety and hydronic radiant heating and cooling systems. 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]	Equivalent length through [ft]	Weight per UOM [lbs/UOM]
ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	LF4527575	1.945	1	1.196	0.454	0.945	1.07	0.598	2.7	0.2
ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	LF4521010	2.286	1.105	1.502	0.422	1.181	1.335	0.751	3.2	0.38
ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	LF4521313	2.55	1.105	1.925	0.398	1.445	1.68	0.963	4.2	0.62
ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	LF4525050	1.639	0.93	0.963	0.396	0.709	0.86	0.481	2.3	0.12
ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	LF4527510	2.045	1.1	1.511	0.417	0.945	1.335	0.756	3.4	0.32
ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	LF4521075	2.201	1.02	1.404	0.474	1.181	1.25	0.702	1.2	0.26
ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	LF4521515	2.854	1.15	2.167	0.426	1.704	1.92	1.083	5.5	0.8
ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	LF4522020	3.543	1.396	2.6	0.639	2.147	2.375	1.3	5.61	1.45
ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	LF4525075	1.639	0.93	1.206	0.384	0.709	1.07	0.603	1.8	0.2
ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	LF4522525	4.83	2	3.279	0.863	2.83	2.9	1.639	1.5	3.1
ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	LF4523030	5.38	2	3.994	0.8	3.38	3.52	1.997	9.1	4.9
ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	LF4523850	1.521	0.93	0.963	0.396	0.591	0.86	0.481	2.3	0.11

Part name	Part no.	Codes	Standards	Listings
ProPEX lead-free (LF) brass male threaded adapters	All	UPC IBC IRC IPC NPC of Canada UMC NSPC IMC	NSF-372 ASTM F877 ASTM F1960 CSA B137.5 NSF-61 NSF-14	IAPMO-ES ICC-ES-PMG U.P.Code
In addition, the following parts have additional codes, standards, or listings:				
ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	LF4527575			cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	LF4521010		UL 1821	cNSFus-pw-fs-G
ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	LF4521313		UL 1821	cNSFus-pw-fs-G
ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	LF4525050			cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	LF4527510			cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	LF4521075			cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	LF4521515			cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	LF4522020			cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	LF4525075		UL 1821	cNSFus-pw-fs-G
ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	LF4522525			cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	LF4523030			cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	LF4523850			cNSFus-pw-G

Installation	Related applications
Use the appropriate ProPEX Ring for PEX-a tubing. Refer to the Uponor Professional Plumbing Installation Guide, AquaSAFE™ Residential Fire Sprinkler Installation Guide or Uponor Radiant Installation Handbook for additional information.	<ul style="list-style-type: none"> PEX-a Plumbing Systems Radiant Heating and Cooling Systems Permafrost Protection Systems Turf Conditioning Systems AquaSAFE™ Fire Safety Systems

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