

# ProPEX lead-free (LF) brass male threaded adapters

## Project Information

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

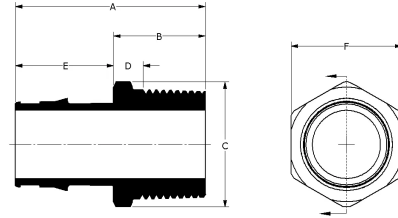
## Technical data

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) Male Threaded Adapter connects 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. 1 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 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	Weight per UOM [kg/UOM]
ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	LF4527575	49.40	25.40	30.37	11.54	24	27.18	15.18	0.091
ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	LF4521010	58.06	28.07	38.14	10.72	30	33.91	19.07	0.172
ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	LF4521313	64.77	28.07	48.90	10.11	36.70	42.67	24.45	0.281
ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	LF4525050	41.62	23.62	24.46	10.07	18	21.84	12.23	0.054
ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	LF4527510	51.94	27.94	38.39	10.60	24	33.91	19.20	0.145
ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	LF4521075	55.91	25.91	35.65	12.05	30	31.75	17.82	0.118
ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	LF4521515	72.49	29.21	55.04	10.83	43.28	48.77	27.52	0.363
ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	LF4522020	89.99	35.46	66.04	16.22	54.53	60.33	33.02	0.658
ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	LF4525075	41.62	23.62	30.62	9.76	18	27.18	15.31	0.091
ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	LF4522525	122.68	50.80	83.28	21.91	71.88	73.66	41.64	1.406
ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	LF4523030	136.65	50.80	101.46	20.32	85.85	89.41	50.73	2.223
ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	LF4523850	38.63	23.62	24.46	10.07	15.01	21.84	12.23	0.05

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"> <li>PEX-a Plumbing Systems</li> <li>Radiant Heating and Cooling Systems</li> <li>Permafrost Protection Systems</li> <li>Turf Conditioning Systems</li> <li>AquaSAFE™ Fire Safety Systems</li> </ul>

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>