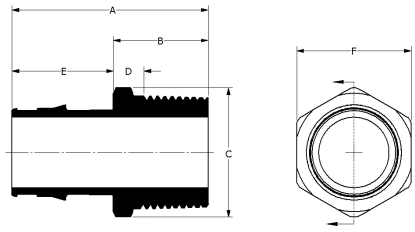
ProPEX lead-free (LF) brass male threaded adapters

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]	Cv	End Type 1	End Type 2
	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	11.3	ProPEX 3/4"	MNPT 3/4"
	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	19.9	ProPEX 1"	MNPT 1"
	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	32.4	ProPEX 1-1/4"	MNPT 1-1/4"
✔	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	5	ProPEX 1/2"	MNPT 1/2"
	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	10.9	ProPEX 3/4"	MNPT 1"
	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	17.8	ProPEX 1"	MNPT 3/4"
	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	39.3	ProPEX 1-1/2"	MNPT 1-1/2"
	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	78.6	ProPEX 2"	MNPT 2"
	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	6.2	ProPEX 1/2"	MNPT 3/4"
	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	227.3	ProPEX 2-1/2"	MNPT 2-1/2"
	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	187.5	ProPEX 3"	MNPT 3"
	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	5	ProPEX 3/8"	MNPT 1/2"

	Part name	Part no.	Weight per UOM [kg/UOM]
	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	LF4527575	0.091
	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	LF4521010	0.172
	ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	LF4521313	0.281
✔	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	LF4525050	0.054
	ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	LF4527510	0.145
	ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	LF4521075	0.118
	ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	LF4521515	0.363

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ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	LF4522020	0.658
ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	LF4525075	0.091
ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	LF4522525	1.406
ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	LF4523030	2.223
ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	LF4523850	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	ASTM F877|ASTM F1960|CSA B137.5	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		NSF-372|NSF-61|NSF-14	cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 1" PEX x 1" NPT	LF4521010		NSF-372|UL 1821|NSF-61|NSF-14	cNSFus-pw-fs-G
ProPEX LF Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	LF4521313		NSF-372|UL 1821|NSF-61|NSF-14	cNSFus-pw-fs-G
ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	LF4525050		NSF-372|NSF-61|NSF-14	cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	LF4527510		NSF-372|NSF-61|NSF-14	cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	LF4521075		NSF-372|NSF-61|NSF-14	cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	LF4521515		NSF-372|NSF-61|NSF-14	cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 2" PEX x 2" NPT	LF4522020		NSF-372|NSF-61|NSF-14	cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	LF4525075		NSF/ANSI/CAN 372|UL 1821|NSF/ANSI/CAN 61|NSF/ANSI 14	cNSFus-pw-fs-G
ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	LF4522525		NSF-372|NSF-61|NSF-14	cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	LF4523030		NSF-372|NSF-61|NSF-14	cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	LF4523850		NSF-372|NSF-61|NSF-14	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.	PEX-a Plumbing Systems Radiant Heating and Cooling Systems Permafrost Protection Systems Turf Conditioning Systems AquaSAFE™ Fire Safety Systems

Footnotes	Contact information	
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