

ProPEX brass male threaded adapters

Project Information

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

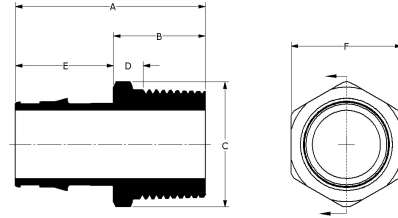
Technical data

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® male threaded adapters connect Uponor PEX pipe to male NPT threads for use in hydronic heating and cooling systems. 1 One end of the adapter is manufactured with Uponor ProPEX fittings for connection to Wirsbo hePEX™ tubing and the other end is manufactured to adapt female threaded connections. These adapters are not safe for direct burial in soil. Note: Not for potable use.

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 Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	Q5521515	71.86	28.58	55.92	10.20	43.28	48.77	27.96	0.299
ProPEX Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	Q5521313	63.75	27.05	48.88	9.10	36.70	42.67	24.44	0.295
ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	Q5521010	56.79	26.80	38.76	9.45	30	33.91	19.38	0.204
ProPEX Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	Q5521075	54.25	24.26	34.80	10.40	30	30.48	17.40	0.118
ProPEX Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	Q5525050	40.99	22.99	24.83	9.43	18	21.84	12.42	0.054
ProPEX Brass Male Threaded Adapter, 2" PEX x 2" NPT	Q5522020	87.17	32.64	69.85	13.42	54.53	60.83	34.93	0.907
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	Q5527510	52.07	28.07	38.76	10.72	24	33.91	19.38	0.136
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1/2" NPT	Q5527550	46.99	22.99	30.99	9.13	24	27.18	15.49	0.072
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	Q5527575	46.99	22.99	30.99	9.13	24	27.18	15.49	0.086
ProPEX Brass Male Threaded Adapter, 5/8" PEX x 3/4" NPT	Q4526375	49.30	27.31	33	10.80	22	28.58	16.50	0.082
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 brass male threaded adapters	All	IBC IRC NPC of Canada UMC IMC	ASTM F877 ASTM F1960 CSA B137.5 NSF-14	IAPMO-ES ICC-ES-PMG
In addition, the following parts have additional codes, standards, or listings:				
ProPEX Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	Q5521515			cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	Q5521313			cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	Q5521010			cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	Q5521075			cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	Q5525050			cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 2" PEX x 2" NPT	Q5522020			cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	Q5527510			cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1/2" NPT	Q5527550			cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	Q5527575			cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 5/8" PEX x 3/4" NPT	Q4526375			cNSFus-rfh
ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	LF4525075	UPC IPC NSPC	NSF-372 UL 1821 NSF-61	cNSFus-pw-fs-G U.P.Code
ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	LF4522525	UPC IPC NSPC	NSF-372 NSF-61	cNSFus-pw-G U.P.Code
ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	LF4523030	UPC IPC NSPC	NSF-372 NSF-61	cNSFus-pw-G U.P.Code
ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	LF4523850	UPC IPC NSPC	NSF-372 NSF-61	cNSFus-pw-G U.P.Code

Installation	Related applications
Use the appropriate ProPEX ring for Uponor PEX pipe (sold separately). Refer to the Uponor Radiant Installation Handbook, Complete Design Assistance Manual (CDAM), or Hydronic Piping Design Assistance Manual (HPDAM) for additional information.	<ul style="list-style-type: none"> Radiant Heating and Cooling Systems Permafrost Protection Systems Turf Conditioning Systems Hydronic Piping 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>