

ProPEX brass male threaded adapters

Project Information

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

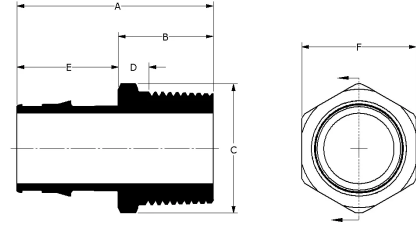
Technical data

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]	Cv	Material group	End Type 1
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	39.3	Brass	ProPEX 1-1/2"
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	32.4	Brass	ProPEX 1-1/4"
ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	Q5521010	56.79	26.80	38.76	9.45	30	33.91	19.38	19.9	Brass	ProPEX 1"
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	17.8	Brass	ProPEX 1"
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	5	Brass	ProPEX 1/2"
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	78.6	Brass	ProPEX 2"
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	10.9	Brass	ProPEX 3/4"
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	17.5	Brass	ProPEX 3/4"
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	11.3	Brass	ProPEX 3/4"
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	-	Brass	ProPEX 5/8"
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	LF Brass	ProPEX 1/2"
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	LF Brass	ProPEX 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	LF Brass	ProPEX 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	LF Brass	ProPEX 3/8"

Part name	Part no.	End Type 2	Weight per UOM [kg/UOM]
ProPEX Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	Q5521515	MNPT 1-1/2"	0.299
ProPEX Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	Q5521313	MNPT 1-1/4"	0.295
ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	Q5521010	MNPT 1"	0.204
ProPEX Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	Q5521075	MNPT 3/4"	0.118
ProPEX Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	Q5525050	MNPT 1/2"	0.054

ProPEX Brass Male Threaded Adapter, 2" PEX x 2" NPT	Q5522020	MNPT 2"	0.907
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	Q5527510	MNPT 1"	0.136
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1/2" NPT	Q5527550	MNPT 1/2"	0.072
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	Q5527575	MNPT 3/4"	0.086
ProPEX Brass Male Threaded Adapter, 5/8" PEX x 3/4" NPT	Q4526375	MNPT 3/4"	0.082
ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	LF4525075	MNPT 3/4"	0.091
ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	LF4522525	MNPT 2-1/2"	1.406
ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	LF4523030	MNPT 3"	2.223
ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	LF4523850	MNPT 1/2"	0.05

Part name	Part no.	Codes	Standards	Listings
ProPEX brass male threaded adapters	All	IMC IBC IRC UMC NPC of Canada	ASTM F1960 CSA B137.5 ASTM F877	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		NSF/ANSI 14	cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	Q5521313		NSF/ANSI 14	cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	Q5521010		NSF/ANSI 14	cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	Q5521075		NSF/ANSI 14	cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	Q5525050		NSF-14	cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 2" PEX x 2" NPT	Q5522020		NSF/ANSI 14	cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	Q5527510		NSF/ANSI 14	cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1/2" NPT	Q5527550		NSF/ANSI 14	cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	Q5527575		NSF-14	cNSFus-rfh
ProPEX Brass Male Threaded Adapter, 5/8" PEX x 3/4" NPT	Q4526375		NSF/ANSI 14	cNSFus-rfh
ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	LF4525075	UPC IPC NSPC	NSF/ANSI/CAN 372 NSF/ANSI/CAN 61 NSF/ANSI 14	cNSFus-pw-G U.P.Code
ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	LF4522525	UPC IPC NSPC	NSF/ANSI 14 NSF/ANSI/CAN 61 NSF/ANSI/CAN 372	U.P.Code cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	LF4523030	UPC IPC NSPC	NSF/ANSI 14 NSF/ANSI/CAN 61 NSF/ANSI/CAN 372	U.P.Code cNSFus-pw-G
ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	LF4523850	UPC IPC NSPC	NSF/ANSI/CAN 372 NSF/ANSI/CAN 61 NSF/ANSI 14	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>