

## 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)

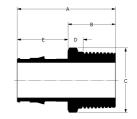
180 °F (82 °C) at 100 psi (6.9 bar) 200 °F (93 °C) at 80 psi (5.5 bar)

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<sup>TM</sup> 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	ProPE) 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	ProPE2 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	ProPE>
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
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
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
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
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
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

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	IBC IRC NPC of Canada UMC IMC	RC NPC of Canada UMC IMC ASTM F877 ASTM F1960 CSA B137.5			
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-14	cNSFus-rfh		
ProPEX Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	Q5521313		NSF-14	cNSFus-rfh		
ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	Q5521010		NSF-14	cNSFus-rfh		
ProPEX Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	Q5521075		NSF-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-14	cNSFus-rfh		
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	Q5527510		NSF-14	cNSFus-rfh		
ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1/2" NPT	Q5527550		NSF-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-14	cNSFus-rfh		
ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	LF4525075	UPC IPC NSPC	NSF/ANSI/CAN 372 UL 1821 NSF/ANSI/CAN 61 NSF/ANSI 14	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 NSF-14	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 NSF-14	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 NSF-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.

Radiant Heating and Cooling Systems
Permafrost Protection Systems
Turf Conditioning Systems
Hydronic Piping Systems

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