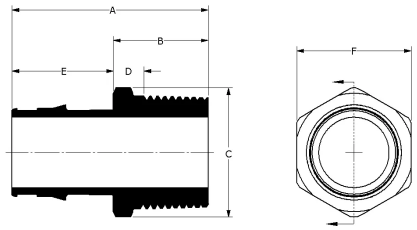
ProPEX brass male threaded adapters

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.	Cv	Material group	End Type 1	End Type 2
	ProPEX Brass Male Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	Q5521515	39.3	Brass	ProPEX 1-1/2"	MNPT 1-1/2"
	ProPEX Brass Male Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	Q5521313	32.4	Brass	ProPEX 1-1/4"	MNPT 1-1/4"
	ProPEX Brass Male Threaded Adapter, 1" PEX x 1" NPT	Q5521010	19.9	Brass	ProPEX 1"	MNPT 1"
✔	ProPEX Brass Male Threaded Adapter, 1" PEX x 3/4" NPT	Q5521075	17.8	Brass	ProPEX 1"	MNPT 3/4"
	ProPEX Brass Male Threaded Adapter, 1/2" PEX x 1/2" NPT	Q5525050	5	Brass	ProPEX 1/2"	MNPT 1/2"
	ProPEX Brass Male Threaded Adapter, 2" PEX x 2" NPT	Q5522020	78.6	Brass	ProPEX 2"	MNPT 2"
	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1" NPT	Q5527510	10.9	Brass	ProPEX 3/4"	MNPT 1"
	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 1/2" NPT	Q5527550	17.5	Brass	ProPEX 3/4"	MNPT 1/2"
	ProPEX Brass Male Threaded Adapter, 3/4" PEX x 3/4" NPT	Q5527575	11.3	Brass	ProPEX 3/4"	MNPT 3/4"
	ProPEX Brass Male Threaded Adapter, 5/8" PEX x 3/4" NPT	Q4526375	-	Brass	ProPEX 5/8"	MNPT 3/4"
	ProPEX LF Brass Male Threaded Adapter, 1/2" PEX x 3/4" NPT	LF4525075	6.2	LF Brass	ProPEX 1/2"	MNPT 3/4"
	ProPEX LF Brass Male Threaded Adapter, 2 1/2" PEX x 2 1/2" NPT	LF4522525	227.3	LF Brass	ProPEX 2-1/2"	MNPT 2-1/2"
	ProPEX LF Brass Male Threaded Adapter, 3" PEX x 3" NPT	LF4523030	187.5	LF Brass	ProPEX 3"	MNPT 3"
	ProPEX LF Brass Male Threaded Adapter, 3/8" PEX x 1/2" NPT	LF4523850	5	LF Brass	ProPEX 3/8"	MNPT 1/2"

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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	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-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

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.

Related applications

Radiant Heating and Cooling Systems

Permafrost Protection Systems

Turf Conditioning Systems

Hydronic Piping Systems

Footnotes

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