ProPEX brass female threaded adapters

Project information

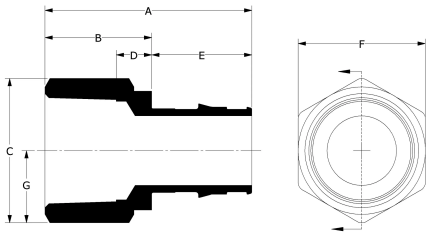
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

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



	Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	End Type 1	End Type 2	G [inch]	Cv
	ProPEX Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	Q5575050	1.569	0.86	1.139	0.326	0.709	1.0	ProPEX 1/2"	FNPT 1/2"	0.57	4.8
	ProPEX Brass Female Threaded Adapter, 5/8" PEX x 3/4" NPT	Q4576375	1.906	1.04	1.345	0.486	0.866	1.187	ProPEX 5/8"	FNPT 3/4"	-	-
	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	Q5577575	1.845	0.9	1.356	0.347	0.945	1.187	ProPEX 3/4"	FNPT 3/4"	0.678	12
✔	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	Q5577510	2.145	1.2	1.717	0.52	0.945	1.5	ProPEX 3/4"	FNPT 1"	0.858	10.8
	ProPEX Brass Female Threaded Adapter, 1" PEX x 1" NPT	Q5571010	2.381	1.2	1.717	0.52	1.181	1.5	ProPEX 1"	FNPT 1"	0.858	19.7
	ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	Q5571313	2.57	1.125	2.294	0.415	1.445	2.0	ProPEX 1-1/4"	FNPT 1-1/4"	1.147	30.8
	ProPEX Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	Q5571515	2.854	1.15	2.583	0.42	1.704	2.25	ProPEX 1-1/2"	FNPT 1-1/2"	1.291	40.9
	ProPEX Brass Female Threaded Adapter, 2" PEX x 2" NPT	Q5572020	3.547	1.4	3.449	0.703	2.147	3.0	ProPEX 2"	FNPT 2"	1.724	77.7

	Part name	Part no.	Equivalent length through [ft]	Weight per UOM [lbs/UOM]
	ProPEX Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	Q5575050	2.5	0.14
	ProPEX Brass Female Threaded Adapter, 5/8" PEX x 3/4" NPT	Q4576375	-	0.2
	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	Q5577575	2.3	0.2
✔	ProPEX Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	Q5577510	3.6	0.4
	ProPEX Brass Female Threaded Adapter, 1" PEX x 1" NPT	Q5571010	3.8	0.4
	ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	Q5571313	4.8	0.67
	ProPEX Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	Q5571515	5.1	1.2
	ProPEX Brass Female Threaded Adapter, 2" PEX x 2" NPT	Q5572020	5.7	2.2

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Part name	Part no.	Codes	Standards	Listings
ProPEX brass female threaded adapters	All	IMC|IBC|IRC|NPC of Canada|UMC	ASTM F1960|CSA B137.5|ASTM F877	IAPMO-ES|ICC-ES-PMG|cNSFus-rfh
In addition, the following parts have additional codes, standards, or listings:				
ProPEX Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT	Q5575050		NSF/ANSI 14	
ProPEX Brass Female Threaded Adapter, 5/8" PEX x 3/4" NPT	Q4576375		NSF/ANSI 14	
ProPEX Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT	Q5577575		NSF-14	
ProPEX Brass Female Threaded Adapter, 3/4" PEX x 1" NPT	Q5577510		NSF-14	
ProPEX Brass Female Threaded Adapter, 1" PEX x 1" NPT	Q5571010		NSF/ANSI 14	
ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT	Q5571313		NSF/ANSI 14	
ProPEX Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT	Q5571515		NSF/ANSI 14	
ProPEX Brass Female Threaded Adapter, 2" PEX x 2" NPT	Q5572020		NSF/ANSI 14	

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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Contact information

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