ProPEX EP couplings

Project information

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

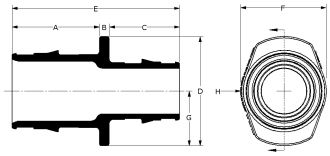
Technical data

Material	Engineered Polymer
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)

Product information and application use

ProPEX® engineered polymer (EP) coupling is available for use in hot and cold domestic potable water distribution, residential fire safety and radiant heating and cooling systems. Each end of the coupling is manufactured with an Uponor ProPEX fitting for connections to Uponor AquaPEX® or Wirsbo hePEX™ tubing.1

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	End Type 1	End Type 2
	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	Q4773838	-	ProPEX 3/8"	ProPEX 3/8"
	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	Q4775050	8.3	ProPEX 1/2"	ProPEX 1/2"
	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	Q4775075	5.2	ProPEX 1/2"	ProPEX 3/4"
	ProPEX EP Coupling, 5/8" PEX X 5/8" PEX	Q4776363	-	ProPEX 5/8"	ProPEX 5/8"
	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	Q4777575	19	ProPEX 3/4"	ProPEX 3/4"
	ProPEX EP Coupling, 3/4" PEX x 1" PEX	Q4777510	12.5	ProPEX 3/4"	ProPEX 1"
	ProPEX EP Coupling, 1" PEX x 1" PEX	Q4771010	33.8	ProPEX 1"	ProPEX 1"
	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	Q4771307	10.9	ProPEX 1-1/4"	ProPEX 3/4"
	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	Q4771310	22.3	ProPEX 1-1/4"	ProPEX 1"
	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	Q4771313	53.3	ProPEX 1-1/4"	ProPEX 1-1/4"
	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	Q4771507	10.8	ProPEX 1-1/2"	ProPEX 3/4"
✔	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	Q4771510	19	ProPEX 1-1/2"	ProPEX 1"
	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	Q4771513	33.9	ProPEX 1-1/2"	ProPEX 1-1/4"
	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	Q4771515	69.5	ProPEX 1-1/2"	ProPEX 1-1/2"
	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	Q4772015	45.2	ProPEX 2"	ProPEX 1-1/2"
	ProPEX EP Coupling, 2" PEX x 2" PEX	Q4772020	107.8	ProPEX 2"	ProPEX 2"
	ProPEX EP Coupling, 2 1/2" PEX x 1 1/4" PEX	Q4772513	29.3	ProPEX 2-1/2"	ProPEX 1-1/4"
	ProPEX EP Coupling, 2 1/2" PEX x 1 1/2" PEX	Q4772515	35.9	ProPEX 2-1/2"	ProPEX 1-1/2"
	ProPEX EP Coupling, 2 1/2" PEX x 2" PEX	Q4772520	82.6	ProPEX 2-1/2"	ProPEX 2"
	ProPEX EP Coupling, 2 1/2" PEX x 2 1/2" PEX	Q4772525	219.1	ProPEX 2-1/2"	ProPEX 2-1/2"
	ProPEX EP Coupling, 3" PEX x 2" PEX	Q4773020	73.4	ProPEX 3"	ProPEX 2"
	ProPEX EP Coupling, 3" PEX x 2 1/2" PEX	Q4773025	136.2	ProPEX 3"	ProPEX 2-1/2"
	ProPEX EP Coupling, 3" PEX x 3" PEX	Q4773030	320.6	ProPEX 3"	ProPEX 3"

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Part name	Part no.	Codes	Standards	Listings
ProPEX EP couplings	All	IMC|UPC|IBC|IRC|IPC|NPC of Canada|UMC|NSPC	ASTM F1960|ASTM E119/UL 263|ASTM E84|ASTM E814/ULC S115|ASTM F877|CSA B137.5|ULC S102.2|ULC S101	IAPMO-ES|ICC-ES-PMG|UL|U.P.Code|cQAIus P321|HUD MR 1269
In addition, the following parts have additional codes, standards, or listings:				
ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	Q4773838		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	Q4775050		NSF/ANSI/CAN 61|NSF/ANSI 14	cNSFus-pw
ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	Q4775075		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 5/8" PEX X 5/8" PEX	Q4776363		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	Q4777575		UL 1821|NSF-61|NSF-14	cNSFus-pw-fs
ProPEX EP Coupling, 3/4" PEX x 1" PEX	Q4777510		UL 1821|NSF-61|NSF-14	cNSFus-pw-fs
ProPEX EP Coupling, 1" PEX x 1" PEX	Q4771010		UL 1821|NSF-61|NSF-14	cNSFus-pw-fs
ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	Q4771307		UL 1821|NSF-61|NSF-14	cNSFus-pw-fs
ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	Q4771310		UL 1821|NSF-61|NSF-14	cNSFus-pw-fs
ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	Q4771313		UL 1821|NSF-61|NSF-14	cNSFus-pw-fs
ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	Q4771507		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	Q4771510		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	Q4771513		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	Q4771515		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	Q4772015		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 2" PEX x 2" PEX	Q4772020		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 2 1/2" PEX x 1 1/4" PEX	Q4772513		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 2 1/2" PEX x 1 1/2" PEX	Q4772515		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 2 1/2" PEX x 2" PEX	Q4772520		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 2 1/2" PEX x 2 1/2" PEX	Q4772525		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 3" PEX x 2" PEX	Q4773020		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 3" PEX x 2 1/2" PEX	Q4773025		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Coupling, 3" PEX x 3" PEX	Q4773030		NSF-61|NSF-14	cNSFus-pw

Installation

Use ProPEX rings to make the fitting. Refer to the Uponor Piping Pocket Guide, Radiant Floor Heating Installation Handbook or AquaSAFE™ Residential Fire Sprinkler Installation Guide for more information.

Related applications

PEX-a Plumbing Systems

Hydronic Radiant Heating and Cooling Systems

Permafrost Protection Systems

Turf Conditioning Systems

AquaSAFE™ Fire Safety Systems

Footnotes

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