

ProPEX® Engineered Polymer (EP) Coupling (up to 1½")

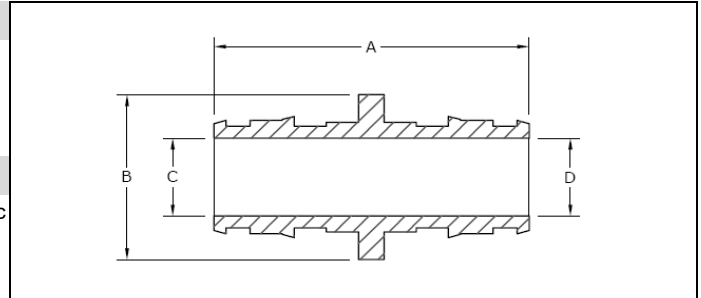
Submittal Information
Revision I: June 21, 2019

Project information

Job name:	
Location:	Part no. ordered:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material:	Engineered polymer (EP)
Max. temp. (no pressure):	320°F (160°C)
Max. working temp./pressure:	210°F (99°C) at 150 psi (1,034 kPa)



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

✓ Description	Part number	A	B	C	D	Weight	Equivalent length (ft.)	Cv
ProPEX EP Coupling, ⅜" PEX x ⅜" PEX	Q4773838	1.300"	0.70"	0.280"	0.280"	0.01 lbs.	N/A	N/A
ProPEX EP Coupling, ½" PEX x ½" PEX	Q4775050	1.600"	0.85"	0.405"	0.405"	0.01 lbs.	0.8	8.3
ProPEX EP Coupling, ½" PEX x ¾" PEX	Q4775075	1.800"	1.08"	0.405"	0.615"	0.03 lbs.	2.6	5.2
ProPEX EP Coupling, ⅝" PEX x ⅝" PEX	Q4776363	1.860"	1.00"	0.538"	0.538"	0.01 lbs.	N/A	N/A
ProPEX EP Coupling, ¾" PEX x ¾" PEX*	Q4777575	2.000"	1.18"	0.615"	0.615"	0.02 lbs.	0.9	19.0
ProPEX EP Coupling, ¾" PEX x 1" PEX*	Q4777510	2.300"	1.34"	0.615"	0.818"	0.04 lbs.	2.7	12.5
ProPEX EP Coupling, 1" PEX x 1" PEX*	Q4771010	2.500"	1.42"	0.818"	0.818"	0.04 lbs.	0.9	33.8
ProPEX EP Coupling, 1¼" PEX x ¾" PEX*	Q4771307	2.625"	1.75"	0.989"	0.615"	0.05 lbs.	3.6	10.9
ProPEX EP Coupling, 1¼" PEX x 1" PEX*	Q4771310	2.875"	1.75"	0.989"	0.818"	0.06 lbs.	2.6	22.3
ProPEX EP Coupling, 1¼" PEX x 1¼" PEX*	Q4771313	3.000"	1.75"	0.989"	0.989"	0.07 lbs.	1.1	53.3
ProPEX EP Coupling, 1½" PEX x ¾" PEX	Q4771507	2.875"	2.13"	1.109"	0.615"	0.07 lbs.	3.5	10.8
ProPEX EP Coupling, 1½" PEX x 1" PEX	Q4771510	3.125"	2.13"	1.109"	0.818"	0.08 lbs.	4.3	19.0
ProPEX EP Coupling, 1½" PEX x 1¼" PEX	Q4771513	3.500"	2.13"	1.109"	0.989"	0.09 lbs.	3.7	33.9
ProPEX EP Coupling, 1½" PEX x 1½" PEX	Q4771515	3.625"	2.13"	1.109"	1.109"	0.10 lbs.	1.4	69.5

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.

Standards

ASTM E84; ASTM E119; ASTM E814; ASTM F877; ASTM F1960; CAN/CSA B137.5; NSF 14; NSF 61

Codes

IBC; IMC; IPC; IRC; NPC of Canada; NSPC; UMC; UPC

Listings

cNSFus-pw; *cNSFus-pw-fs; cQAlus P321; HUD MR 1269; ICC-ES-PMG-1006; ICC-ES-PMG-1012; *UL 1821; *ULC/ORD-C199P; U.P. Code

Related applications

PEX-a plumbing systems
Hydronic radiant heating and cooling systems
Snow and ice melting systems
Permafrost protection systems
Turf conditioning systems
AquaSAFE fire safety systems

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