ProPEX EP couplings

Submittal information

Date submitted:

Project Information

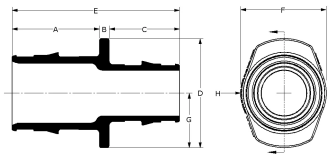
Job name :	Location :
Engineer :	Date submitted:
Contractor :	Submitted by:
Manufacturer's representative :	Approved by :

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



	Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	H [inch]	Cv	Weight per UOM [lbs/UOM]
	ProPEX EP Coupling, 1" PEX x 1" PEX	Q4771010	1.191	0.125	1.191	1.48	2.507	1.165	0.74	0.59	33.8	0.04
	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	Q4771307	1.459	0.15	0.963	1.74	2.573	1.38	0.87	0.69	10.9	0.05
	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	Q4771310	1.459	0.15	1.198	1.74	2.807	1.38	0.87	0.69	22.3	0.06
	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	Q4771313	1.459	0.15	1.459	1.74	3.069	1.38	0.87	0.69	53.3	0.07
	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	Q4771507	1.719	0.15	0.965	1.92	2.834	1.53	0.96	0.765	10.8	0.07
	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	Q4771510	1.719	0.15	1.178	1.92	3.048	1.52	0.96	0.76	19	0.08
	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	Q4771513	1.719	0.15	1.461	1.92	3.33	1.53	0.96	0.765	33.9	0.09
	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	Q4771515	1.719	0.15	1.719	1.92	3.588	1.53	0.96	0.765	69.5	0.1
	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	Q4772015	2.164	0.25	1.726	2.7	4.14	2.2	1.35	1.1	45.2	0.19
	ProPEX EP Coupling, 2" PEX x 2" PEX	Q4772020	2.164	0.25	2.164	2.7	4.578	2.2	1.35	1.1	107.8	0.24
	ProPEX EP Coupling, 2 1/2" PEX x 1 1/4" PEX	Q4772513	2.84	0.257	1.469	3.6	4.566	2.8	1.8	1.4	29.3	0.34
	ProPEX EP Coupling, 2 1/2" PEX x 1 1/2" PEX	Q4772515	2.84	0.25	1.734	3.6	4.824	2.8	1.82	1.4	35.9	0.35
✔	ProPEX EP Coupling, 2 1/2" PEX x 2" PEX	Q4772520	2.84	0.25	2.172	3.6	5.262	2.8	1.82	1.4	82.6	0.4
	ProPEX EP Coupling, 2 1/2" PEX x 2 1/2" PEX	Q4772525	2.84	0.25	2.84	3.6	5.931	2.8	1.82	1.4	219.1	0.51
	ProPEX EP Coupling, 3" PEX x 2" PEX	Q4773020	3.391	0.25	2.177	4.2	5.819	3.3	2.12	1.65	73.4	0.6
	ProPEX EP Coupling, 3" PEX x 2 1/2" PEX	Q4773025	3.391	0.25	2.846	4.2	6.487	3.3	2.12	1.65	136.2	0.71
	ProPEX EP Coupling, 3" PEX x 3" PEX	Q4773030	3.391	0.25	3.391	4.2	7.033	3.3	2.12	1.65	320.6	0.85
	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	Q4773838	0.601	0.125	0.601	0.631	1.327	0.631	0.315	0.315	-	0.01
	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	Q4775050	0.722	0.125	0.722	0.87	1.569	0.695	0.435	0.348	8.3	0.01
	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	Q4775075	0.723	0.117	0.959	1.22	1.799	0.98	0.61	0.49	5.2	0.03
	ProPEX EP Coupling, 5/8" PEX X 5/8" PEX	Q4776363	0.879	0.119	0.879	1.01	1.877	0.88	0.505	0.44	-	0.01
	ProPEX EP Coupling, 3/4" PEX x 1" PEX	Q4777510	0.961	0.125	1.19	1.48	2.276	1.165	0.74	0.59	12.5	0.04
	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	Q4777575	0.955	0.125	0.955	1.22	2.035	0.965	0.61	0.49	19	0.02

	Part name	Part no.	Equivalent length through [ft]	End type 1	End type 2
	ProPEX EP Coupling, 1" PEX x 1" PEX	Q4771010	0.9	ProPEX 1"	ProPEX 1"
	ProPEX EP Coupling, 1 1/4" PEX x 3/4" PEX	Q4771307	3.6	ProPEX 1-1/4"	ProPEX 3/4"
	ProPEX EP Coupling, 1 1/4" PEX x 1" PEX	Q4771310	2.6	ProPEX 1-1/4"	ProPEX 1"
	ProPEX EP Coupling, 1 1/4" PEX x 1 1/4" PEX	Q4771313	1.1	ProPEX 1-1/4"	ProPEX 1-1/4"
	ProPEX EP Coupling, 1 1/2" PEX x 3/4" PEX	Q4771507	3.5	ProPEX 1-1/2"	ProPEX 3/4"
	ProPEX EP Coupling, 1 1/2" PEX x 1" PEX	Q4771510	4.3	ProPEX 1-1/2"	ProPEX 1"
	ProPEX EP Coupling, 1 1/2" PEX x 1 1/4" PEX	Q4771513	3.7	ProPEX 1-1/2"	ProPEX 1-1/4"
	ProPEX EP Coupling, 1 1/2" PEX x 1 1/2" PEX	Q4771515	1.4	ProPEX 1-1/2"	ProPEX 1-1/2"
	ProPEX EP Coupling, 2" PEX x 1 1/2" PEX	Q4772015	4.59	ProPEX 2"	ProPEX 1-1/2"
	ProPEX EP Coupling, 2" PEX x 2" PEX	Q4772020	2.7	ProPEX 2"	ProPEX 2"
	ProPEX EP Coupling, 2 1/2" PEX x 1 1/4" PEX	Q4772513	5.4	ProPEX 2-1/2"	ProPEX 1-1/4"
	ProPEX EP Coupling, 2 1/2" PEX x 1 1/2" PEX	Q4772515	7.5	ProPEX 2-1/2"	ProPEX 1-1/2"
✔	ProPEX EP Coupling, 2 1/2" PEX x 2" PEX	Q4772520	5.4	ProPEX 2-1/2"	ProPEX 2"
	ProPEX EP Coupling, 2 1/2" PEX x 2 1/2" PEX	Q4772525	1.7	ProPEX 2-1/2"	ProPEX 2-1/2"
	ProPEX EP Coupling, 3" PEX x 2" PEX	Q4773020	7.2	ProPEX 3"	ProPEX 2"
	ProPEX EP Coupling, 3" PEX x 2 1/2" PEX	Q4773025	7.1	ProPEX 3"	ProPEX 2-1/2"
	ProPEX EP Coupling, 3" PEX x 3" PEX	Q4773030	1.9	ProPEX 3"	ProPEX 3"
	ProPEX EP Coupling, 3/8" PEX x 3/8" PEX	Q4773838	0.8	ProPEX 3/8"	ProPEX 3/8"
	ProPEX EP Coupling, 1/2" PEX x 1/2" PEX	Q4775050	0.8	ProPEX 1/2"	ProPEX 1/2"
	ProPEX EP Coupling, 1/2" PEX x 3/4" PEX	Q4775075	2.6	ProPEX 1/2"	ProPEX 3/4"
	ProPEX EP Coupling, 5/8" PEX X 5/8" PEX	Q4776363	2.7	ProPEX 5/8"	ProPEX 5/8"
	ProPEX EP Coupling, 3/4" PEX x 1" PEX	Q4777510	2.7	ProPEX 3/4"	ProPEX 1"
	ProPEX EP Coupling, 3/4" PEX x 3/4" PEX	Q4777575	0.9	ProPEX 3/4"	ProPEX 3/4"

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

Codes	Standards	Listings
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|NSF-61|ULC S101|NSF-14*	IAPMO-ES|ICC-ES-PMG|cNSFus-pw|UL|U.P.Code|cQAIus P321|HUD MR 1269*

Trademark Information

ProPEX® is a registered trademark of Uponor Inc. ProPEX™ is a trademark of Uponor Ltd.
* Some SKUs in this family have additional codes, standards, or listings. Please see uponor.com for complete information.

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