ProPEX EP 90 elbows

Project information

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

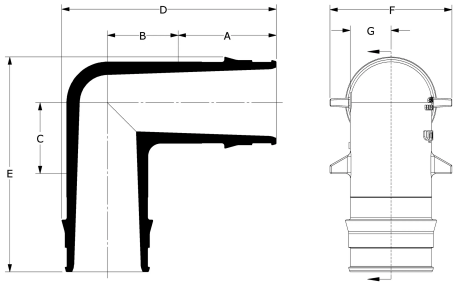
Technical data

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) elbows make 90-degree connections for Uponor crosslinked polyethylene (PEX-a) tubing for use in hot and cold domestic potable water systems, residential fire safety and hydronic radiant heating and cooling systems. Each end of the elbow is manufactured with an Uponor ProPEX fitting for connections to Uponor AquaPEX® or Wirsbo hePEX™ tubing.

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.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	Cv	Equivalent length through [ft]	End Type 1
	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	Q4760500	0.719	0.55	0.55	1.578	1.578	0.87	0.28	2.6	10.4	ProPEX 1/2"
	ProPEX EP Elbow, 1" PEX x 1" PEX	Q4761000	1.191	0.86	0.86	2.606	2.606	1.48	0.494	11.9	11.52	ProPEX 1"
	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	Q4761250	1.455	1.1	1.1	3.236	3.236	1.82	0.613	22.2	10	ProPEX 1-1/4"
	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	Q4761500	1.714	1.2	1.2	3.661	3.661	2.07	0.67	29.7	11.52	ProPEX 1-1/2"
✔	ProPEX EP Elbow, 2" PEX x 2" PEX	Q4762000	2.157	1.6	1.6	4.797	4.797	2.82	0.95	50.2	17.1	ProPEX 2"
	ProPEX EP Elbow, 2 1/2" PEX x 2 1/2" PEX	Q4762500	2.83	2.1	2.1	6.22	6.22	3.6	1.22	86	20	ProPEX 2-1/2"
	ProPEX EP Elbow, 3" PEX x 3" PEX	Q4763000	3.38	2.5	2.5	7.417	7.417	4.2	1.46	125	23.2	ProPEX 3"
	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	Q4760750	0.955	0.675	0.675	2.067	2.067	1.22	0.386	6.7	10.8	ProPEX 3/4"

	Part name	Part no.	End Type 2	Weight per UOM [lbs/UOM]
	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	Q4760500	ProPEX 1/2"	0.02
	ProPEX EP Elbow, 1" PEX x 1" PEX	Q4761000	ProPEX 1"	0.07
	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	Q4761250	ProPEX 1-1/4"	0.11
	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	Q4761500	ProPEX 1-1/2"	0.18
✔	ProPEX EP Elbow, 2" PEX x 2" PEX	Q4762000	ProPEX 2"	0.3
	ProPEX EP Elbow, 2 1/2" PEX x 2 1/2" PEX	Q4762500	ProPEX 2-1/2"	0.85
	ProPEX EP Elbow, 3" PEX x 3" PEX	Q4763000	ProPEX 3"	1.44
	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	Q4760750	ProPEX 3/4"	0.03

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Part name	Part no.	Codes	Standards	Listings
ProPEX EP 90 elbows	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|NSF/ANSI/CAN 61|ULC S101|NSF/ANSI 14	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 Elbow, 1/2" PEX x 1/2" PEX	Q4760500			cNSFus-pw
ProPEX EP Elbow, 1" PEX x 1" PEX	Q4761000		UL 1821	cNSFus-pw-fs
ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	Q4761250		UL 1821	cNSFus-pw-fs
ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	Q4761500			cNSFus-pw
ProPEX EP Elbow, 2" PEX x 2" PEX	Q4762000			cNSFus-pw
ProPEX EP Elbow, 2 1/2" PEX x 2 1/2" PEX	Q4762500			cNSFus-pw
ProPEX EP Elbow, 3" PEX x 3" PEX	Q4763000			cNSFus-pw
ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	Q4760750		UL 1821	cNSFus-pw-fs

Installation

Use the appropriate ProPEX ring for PEX-a tubing. Refer to the Uponor PEX Piping Systems Design and Installation Manual for additional information.

Related applications

PEX-a Plumbing Systems

Hydronic Radiant Heating and Cooling Systems

Turf Conditioning Systems

Permafrost Prevention Systems

AquaSAFE™ Fire Safety Systems

Footnotes

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