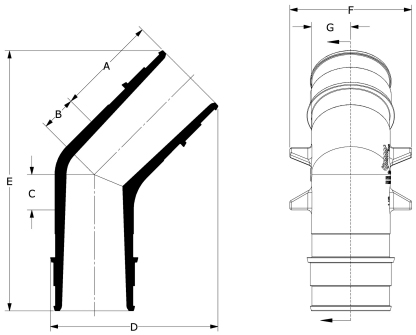
ProPEX EP 45 elbows

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 45-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 45 Elbow, 1" PEX x 1" PEX	Q4761010	1.191	0.6	0.6	2.171	3.406	1.48	0.494	19.1	3.46	ProPEX 1"
	ProPEX EP 45 Elbow, 1 1/4" PEX x 1 1/4" PEX	Q4761313	1.455	0.6	0.6	2.566	3.941	1.82	0.613	29.7	3.2	ProPEX 1-1/4"
	ProPEX EP 45 Elbow, 1 1/2" PEX x 1 1/2" PEX	Q4761515	1.714	0.6	0.6	2.851	4.418	2.07	0.67	33.1	9.3	ProPEX 1-1/2"
	ProPEX EP 45 Elbow, 2" PEX x 2" PEX	Q4762020	2.157	0.75	0.75	3.767	5.634	2.82	0.941	68.9	8.8	ProPEX 2"
✔	ProPEX EP 45 Elbow, 2 1/2" PEX x 2 1/2" PEX	Q4762525	2.83	1	1	4.813	7.353	3.6	1.21	136.8	7	ProPEX 2-1/2"
	ProPEX EP 45 Elbow, 3" PEX x 3" PEX	Q4763030	3.38	1.1	1.1	5.68	8.623	4.2	1.45	195.5	8.3	ProPEX 3"

	Part name	Part no.	End Type 2	Weight per UOM [lbs/UOM]
	ProPEX EP 45 Elbow, 1" PEX x 1" PEX	Q4761010	ProPEX 1"	0.06
	ProPEX EP 45 Elbow, 1 1/4" PEX x 1 1/4" PEX	Q4761313	ProPEX 1-1/4"	0.1
	ProPEX EP 45 Elbow, 1 1/2" PEX x 1 1/2" PEX	Q4761515	ProPEX 1-1/2"	0.13
	ProPEX EP 45 Elbow, 2" PEX x 2" PEX	Q4762020	ProPEX 2"	0.32
✔	ProPEX EP 45 Elbow, 2 1/2" PEX x 2 1/2" PEX	Q4762525	ProPEX 2-1/2"	0.65
	ProPEX EP 45 Elbow, 3" PEX x 3" PEX	Q4763030	ProPEX 3"	1.07

Part name	Part no.	Codes	Standards	Listings
ProPEX EP 45 elbows	All	UPC|IMC|IPC|IBC|IRC|UMC|NSPC|NPC of Canada	ASTM E119/UL 263|ASTM F1960|ASTM E84|ASTM E814/ULC S115|CSA B137.5|NSF/ANSI 14|NSF/ANSI/CAN 61|ASTM F877|ULC S102.2|ULC S101	cNSFus-pw|IAPMO-ES|ICC-ES-PMG|cQAIus P321|UL|U.P.Code|HUD MR 1269
In addition, the following parts have additional codes, standards, or listings:				
ProPEX EP 45 Elbow, 1" PEX x 1" PEX	Q4761010			
ProPEX EP 45 Elbow, 1 1/4" PEX x 1 1/4" PEX	Q4761313			
ProPEX EP 45 Elbow, 2 1/2" PEX x 2 1/2" PEX	Q4762525			
ProPEX EP 45 Elbow, 3" PEX x 3" PEX	Q4763030			

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Installation	Related applications
Use the appropriate ProPEX ring for PEX-a tubing. Refer to the Uponor PEX Piping Systems Design and Installation Manual for additional information.	PEX-a Plumbing Systems Hydronic Radiant Heating and Cooling Systems Turf Conditioning Systems Permafrost Prevention Systems AquaSAFE™ Fire Safety Systems

Footnotes	Contact information	
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