ProPEX EP 45 elbows

Project information

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

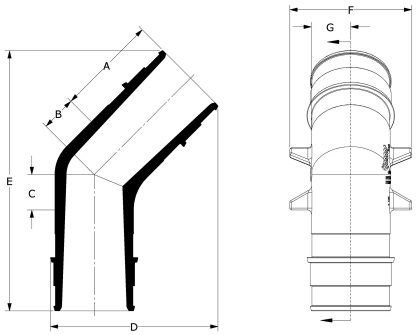
Technical data

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	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|cNSFus-pw|UL|U.P.Code|cQAIus P321|HUD MR 1269

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

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Footnotes	Contact information	
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