

ProPEX® Engineered Polymer (EP) Elbow

Submittal Information
Revision H: Oct. 13, 2015

Project Information

Job Name:

Location:

Part No. Ordered:

Engineer:

Date Submitted:

Contractor:

Submitted By:

Manufacturer's Representative:

Approved By:

Technical Data

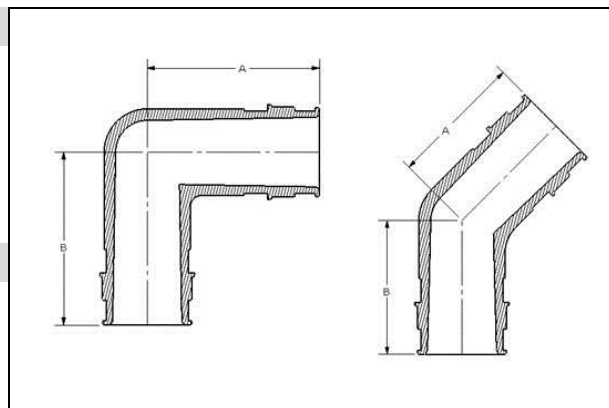
Material: UDEL® Polysulfone, 20% Glass-reinforced (½ to 1")
Acudel® Modified Polyphenylsulfone (1¼" to 1½")
Radel® R Polyphenylsulfone (2" to 3")

Maximum Temperature (no pressure): 320°F (160°C)

Maximum Working Temperature/Pressure: 210°F (99°C) at 150 psi (1,034 kPa)

Product Information and Application Use

The ProPEX® Engineered Polymer (EP) Elbow makes 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.¹



✓ Description	Part Number	A	B	Weight	Equivalent Length (ft.)	Cv
ProPEX EP Elbow, ½" PEX x ½" PEX*	Q4760500	1.30"	1.30"	0.02 lbs.	10.4	2.6
ProPEX EP Elbow, ¾" PEX x ¾" PEX*	Q4760750	1.60"	1.60"	0.03 lbs.	10.8	6.7
ProPEX EP Elbow, 1" PEX x 1" PEX*	Q4761000	2.10"	2.10"	0.07 lbs.	11.5	11.9
ProPEX EP Elbow, 1¼" PEX x 1¼" PEX*	Q4761250	2.45"	2.45"	0.11 lbs.	10.0	22.2
ProPEX EP Elbow, 1½" PEX x 1½" PEX*	Q4761500	2.77"	2.77"	0.18 lbs.	11.5	29.7
ProPEX EP Elbow, 2" PEX x 2" PEX*	Q4762000	3.76"	3.76"	0.30 lbs.	17.1	50.2
ProPEX EP Elbow, 2½" PEX x 2½" PEX	Q4762500	4.93"	4.93"	0.85 lbs.	20.0	86.0
ProPEX EP Elbow, 3" PEX x 3" PEX	Q4763000	5.88"	5.88"	1.44 lbs.	23.2	125.0
ProPEX EP 45 Elbow, 1½" PEX x 1½" PEX*	Q4761515	2.32"	2.32"	0.13 lbs.	9.3	33.1
ProPEX EP 45 Elbow, 2" PEX x 2" PEX*	Q4762020	2.91"	2.91"	0.32 lbs.	8.8	68.9
ProPEX EP 45 Elbow, 2½" PEX x 2½" PEX	Q4762525	3.83"	3.83"	0.65 lbs.	7.0	136.8
ProPEX EP 45 Elbow, 3" PEX x 3" PEX	Q4763030	4.48"	4.48"	1.07 lbs.	8.3	195.5

Installation

Use the appropriate ProPEX Ring for PEX-a tubing. Refer to the Uponor Professional Plumbing Installation Guide, AquaSAFE™ Residential Fire Sprinkler Installation Guide or Uponor Radiant Installation Handbook for additional 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-rfh; cQAIus 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 Melting Systems
Turf Conditioning Systems
Permafrost Prevention Systems
AquaSAFE Fire Safety Systems

Contact Information

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