ProPEX EP 90 elbows

Project information

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

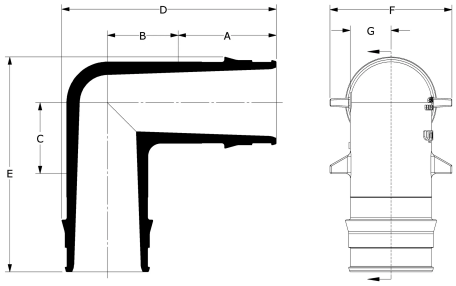
Technical data

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.1

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 [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	Cv	End Type 1	End Type 2
	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	Q4760500	18.26	13.97	13.97	40.09	40.09	22.10	7.11	2.6	ProPEX 1/2"	ProPEX 1/2"
	ProPEX EP Elbow, 1" PEX x 1" PEX	Q4761000	30.25	21.84	21.84	66.20	66.20	37.59	12.55	11.9	ProPEX 1"	ProPEX 1"
	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	Q4761250	36.96	27.94	27.94	82.19	82.19	46.23	15.58	22.2	ProPEX 1-1/4"	ProPEX 1-1/4"
	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	Q4761500	43.54	30.48	30.48	93	93	52.58	17.01	29.7	ProPEX 1-1/2"	ProPEX 1-1/2"
	ProPEX EP Elbow, 2" PEX x 2" PEX	Q4762000	54.79	40.64	40.64	121.84	121.84	71.63	24.13	50.2	ProPEX 2"	ProPEX 2"
	ProPEX EP Elbow, 2 1/2" PEX x 2 1/2" PEX	Q4762500	71.88	53.34	53.34	157.99	157.99	91.44	30.99	86	ProPEX 2-1/2"	ProPEX 2-1/2"
✔	ProPEX EP Elbow, 3" PEX x 3" PEX	Q4763000	85.85	63.50	63.50	188.40	188.40	106.68	37.08	125	ProPEX 3"	ProPEX 3"
	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	Q4760750	24.26	17.15	17.15	52.51	52.51	30.99	9.80	6.7	ProPEX 3/4"	ProPEX 3/4"

	Part name	Part no.	Prop 65 label required?	Weight per UOM [kg/UOM]
	ProPEX EP Elbow, 1/2" PEX x 1/2" PEX	Q4760500	-	0.009
	ProPEX EP Elbow, 1" PEX x 1" PEX	Q4761000	-	0.032
	ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	Q4761250	No	0.05
	ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	Q4761500	No	0.082
	ProPEX EP Elbow, 2" PEX x 2" PEX	Q4762000	-	0.136
	ProPEX EP Elbow, 2 1/2" PEX x 2 1/2" PEX	Q4762500	-	0.386
✔	ProPEX EP Elbow, 3" PEX x 3" PEX	Q4763000	-	0.653
	ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	Q4760750	-	0.014

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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|ULC S101	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		NSF/ANSI/CAN 61|NSF/ANSI 14	cNSFus-pw
ProPEX EP Elbow, 1" PEX x 1" PEX	Q4761000		UL 1821|NSF-61|NSF-14	cNSFus-pw-fs
ProPEX EP Elbow, 1 1/4" PEX x 1 1/4" PEX	Q4761250		UL 1821|NSF/ANSI/CAN 61|NSF/ANSI 14	cNSFus-pw-fs
ProPEX EP Elbow, 1 1/2" PEX x 1 1/2" PEX	Q4761500		NSF/ANSI/CAN 61|NSF/ANSI 14	cNSFus-pw
ProPEX EP Elbow, 2" PEX x 2" PEX	Q4762000		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Elbow, 2 1/2" PEX x 2 1/2" PEX	Q4762500		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Elbow, 3" PEX x 3" PEX	Q4763000		NSF-61|NSF-14	cNSFus-pw
ProPEX EP Elbow, 3/4" PEX x 3/4" PEX	Q4760750		UL 1821|NSF-61|NSF-14	cNSFus-pw-fs

Installation	Related applications
Use the appropriate ProPEX ring for PEX-a tubing. Refer to the Uponor Piping Pocket Guide, AquaSAFE™ Residential Fire Sprinkler Installation Guide or Uponor Radiant Installation Handbook 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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