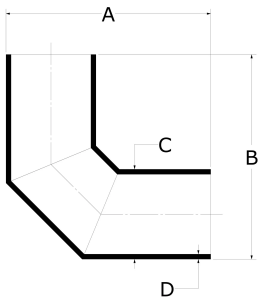
Uponor PP-RCT 90 elbows, mechanical, short radius (butt fusion)

Project information

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

Technical data

Material PP-RCT



90 ELBOW
SHORT RADIUS

	Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	Equivalent length through [ft]	End Type 1	End Type 2	Operating Temperature 1 [°F]
	Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 11, Short Radius	PR114769010	23.925	23.925	9.843	0.894	-	-	26.8	Butt 10"	Butt 10"	73 °F (23 °C) at 215 psi (23 °C)
	Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 11, Short Radius	PR1147690120	28.213	28.213	12.402	1.126	-	-	33.8	Butt 12"	Butt 12"	73 °F (23 °C) at 215 psi (23 °C)
	Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 11, Short Radius	PR114769061	14.193	14.193	6.299	0.575	-	-	17.2	Butt 6"	Butt 6"	73 °F (23 °C) at 215 psi (23 °C)
✔	Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 11, Short Radius	PR114769081	19.941	19.941	7.874	0.717	-	-	20.4	Butt 8"	Butt 8"	73 °F (23 °C) at 215 psi (23 °C)
	Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 17.6, Short Radius	PR1747690100	23.925	23.925	9.843	0.559	-	-	29.1	Butt 10"	Butt 10"	73 °F (23 °C) at 130 psi (23 °C)
	Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 17.6, Short Radius	PR1747690120	28.213	28.213	12.402	0.705	-	-	36.6	Butt 12"	Butt 12"	73 °F (23 °C) at 130 psi (23 °C)
	Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 17.6, Short Radius	PR1747690600	14.193	14.193	6.299	0.358	-	-	19.8	Butt 6"	Butt 6"	73 °F (23 °C) at 130 psi (23 °C)
	Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 17.6, Short Radius	PR1747690800	19.941	19.941	7.874	0.449	-	-	23.3	Butt 8"	Butt 8"	73 °F (23 °C) at 130 psi (23 °C)
	Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 9, Short Radius	PR94769010	23.925	23.925	9.843	1.098	-	-	25.5	Butt 10"	Butt 10"	73 °F (23 °C) at 265 psi (23 °C)
	Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 9, Short Radius	PR947690120	28.213	28.213	12.402	1.386	-	-	32.2	Butt 12"	Butt 12"	73 °F (23 °C) at 265 psi (23 °C)
	Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 9, Short Radius	PR94769061	14.193	14.193	6.299	0.705	-	-	18	Butt 6"	Butt 6"	73 °F (23 °C) at 265 psi (23 °C)
	Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 9, Short Radius	PR94769081	19.941	19.941	7.874	0.882	-	-	21.5	Butt 8"	Butt 8"	73 °F (23 °C) at 265 psi (23 °C)

	Part name	Part no.	Operating Temperature 2 [°F]	Operating Temperature 3 [°F]	Weight per UOM [lbs/UOM]
	Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 11, Short Radius	PR114769010	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)	30.96
	Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 11, Short Radius	PR1147690120	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)	56.9
	Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 11, Short Radius	PR114769061	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)	6.98
✔	Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 11, Short Radius	PR114769081	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)	16.45
	Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 17.6, Short Radius	PR1747690100	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)	20.5
	Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 17.6,	PR1747690120	140 °F (60 °C) at 70 psi (60	180 °F (82 °C) at 50 psi (82	37.24

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	Short Radius		°C)	°C)	
	Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 17.6, Short Radius	PR1747690600	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)	4.7
	Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 17.6, Short Radius	PR1747690800	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)	10.89
	Uponor PP-RCT 90 Elbow, Mechanical, 10" x 10", SDR 9, Short Radius	PR94769010	140 °F (60 °C) at 150 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)	36.72
	Uponor PP-RCT 90 Elbow, Mechanical, 12" x 12", SDR 9, Short Radius	PR947690120	140 °F (60 °C) at 150 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)	67.85
	Uponor PP-RCT 90 Elbow, Mechanical, 6" x 6", SDR 9, Short Radius	PR94769061	140 °F (60 °C) at 150 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)	8.4
	Uponor PP-RCT 90 Elbow, Mechanical, 8" x 8", SDR 9, Short Radius	PR94769081	140 °F (60 °C) at 150 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)	19.51

Part name	Part no.	Codes	Standards	Listings
Uponor PP-RCT 90 elbows, mechanical, short radius (butt fusion)	All	CMC|IMC|UMC	ASTM E84|NSF/ANSI 14|ASTM F2389|CSA B137.11	ICC-ES-PMG 1106|IAPMO-R&T 8358|QAI P321-5|IAPMO K-12775

Installation	Related applications
-	-

Footnotes	Contact information	
-	Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739 F 952.891.2008	Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.638.9517

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