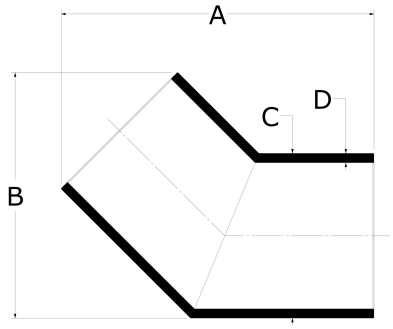
Uponor PP-RCT 45 elbows, mechanical, short radius (butt fusion)

Project information

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

Technical data

Material PP-RCT



45 ELBOW
SHORT RADIUS

Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	Equivalent length through [ft]	End Type 1	End Type 2	Operating Temperature 1 [°F]	Operating Temperature 2 [°F]
Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 11, Short Radius	PR1147645100	20.13	15.276	9.843	0.894	-	10.1	Butt 10"	Butt 10"	73 °F (23 °C) at 215 psi (23 °C)	140 °F (60 °C) at 120 psi (60 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 11, Short Radius	PR1147645120	23.492	18.48	12.402	1.126	-	12.7	Butt 12"	Butt 12"	73 °F (23 °C) at 215 psi (23 °C)	140 °F (60 °C) at 120 psi (60 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 11, Short Radius	PR114764561	15.022	10.657	6.299	0.575	-	6.4	Butt 6"	Butt 6"	73 °F (23 °C) at 215 psi (23 °C)	140 °F (60 °C) at 120 psi (60 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 11, Short Radius	PR114764581	23.523	15.315	7.874	0.717	-	8.1	Butt 8"	Butt 8"	73 °F (23 °C) at 215 psi (23 °C)	140 °F (60 °C) at 120 psi (60 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 17.6, Short Radius	PR1747645100	20.13	15.276	9.843	0.559	-	10.9	Butt 10"	Butt 10"	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 17.6, Short Radius	PR1747645120	23.492	18.48	12.402	0.705	-	13.7	Butt 12"	Butt 12"	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 17.6, Short Radius	PR1747645600	15.091	10.685	6.299	0.358	-	7	Butt 6"	Butt 6"	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 17.6, Short Radius	PR1747645800	23.523	15.315	7.874	0.449	-	8.7	Butt 8"	Butt 8"	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 9, Short Radius	PR947645100	20.13	15.276	9.843	1.098	-	9.6	Butt 10"	Butt 10"	73 °F (23 °C) at 265 psi (23 °C)	140 °F (60 °C) at 150 psi (60 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 9, Short Radius	PR947645120	23.492	18.48	12.402	1.386	-	12	Butt 12"	Butt 12"	73 °F (23 °C) at 265 psi (23 °C)	140 °F (60 °C) at 150 psi (60 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 9, Short Radius	PR94764561	14.752	10.551	6.299	0.705	-	6	Butt 6"	Butt 6"	73 °F (23 °C) at 265 psi (23 °C)	140 °F (60 °C) at 150 psi (60 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 9, Short Radius	PR94764581	23.523	15.315	7.874	0.882	-	7.6	Butt 8"	Butt 8"	73 °F (23 °C) at 265 psi (23 °C)	140 °F (60 °C) at 150 psi (60 °C)

Part name	Part no.	Operating Temperature 3 [°F]	Weight per UOM [lbs/UOM]
Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 11, Short Radius	PR1147645100	180 °F (82 °C) at 80 psi (82 °C)	17.57

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	Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 11, Short Radius	PR1147645120	180 °F (82 °C) at 80 psi (82 °C)	31.89
	Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 11, Short Radius	PR114764561	180 °F (82 °C) at 80 psi (82 °C)	5.39
	Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 11, Short Radius	PR114764581	180 °F (82 °C) at 80 psi (82 °C)	13.98
	Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 17.6, Short Radius	PR1747645100	180 °F (82 °C) at 50 psi (82 °C)	11.64
	Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 17.6, Short Radius	PR1747645120	180 °F (82 °C) at 50 psi (82 °C)	19.82
	Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 17.6, Short Radius	PR1747645600	180 °F (82 °C) at 50 psi (82 °C)	3.63
	Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 17.6, Short Radius	PR1747645800	180 °F (82 °C) at 50 psi (82 °C)	9.26
	Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 9, Short Radius	PR947645100	180 °F (82 °C) at 100 psi (82 °C)	20.84
	Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 9, Short Radius	PR947645120	180 °F (82 °C) at 100 psi (82 °C)	38.03
	Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 9, Short Radius	PR94764561	180 °F (82 °C) at 100 psi (82 °C)	6.48
	Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 9, Short Radius	PR94764581	180 °F (82 °C) at 100 psi (82 °C)	16.58

Part name	Part no.	Codes	Standards	Listings
Uponor PP-RCT 45 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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