

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

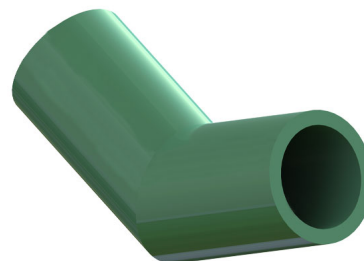


## Project Information

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

## Technical data

Material PP-RCT



Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	Weight per UOM [lbs/UOM]	Equivalent length through [ft]	End Type 1	End Type 2	Operating Temperature 1 [°F]
Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 11, Short Radius	PR1147645100	9.843	9.772	20.13	15.279	0.894	17.57	10.1	Butt 10"	Butt 10"	73 °F (23 °C) at 221 psi (23 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 11, Short Radius	PR1147645120	12.402	11.211	23.491	18.48	1.126	31.89	12.7	Butt 12"	Butt 12"	73 °F (23 °C) at 221 psi (23 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 11, Short Radius	PR114764561	6.299	7.514	15.022	10.657	0.575	5.39	6.4	Butt 6"	Butt 6"	73 °F (23 °C) at 221 psi (23 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 11, Short Radius	PR114764581	7.874	12.149	23.523	15.311	0.717	13.98	8.1	Butt 8"	Butt 8"	73 °F (23 °C) at 221 psi (23 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 17.6, Short Radius	PR1747645100	9.843	9.772	20.13	15.279	0.487	11.64	10.9	Butt 10"	Butt 10"	73 °F (23 °C) at 133 psi (23 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 17.6, Short Radius	PR1747645120	12.402	11.211	23.491	18.48	0.705	19.82	13.7	Butt 12"	Butt 12"	73 °F (23 °C) at 133 psi (23 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 17.6, Short Radius	PR1747645600	6.299	7.554	15.089	10.685	0.358	3.63	7	Butt 6"	Butt 6"	73 °F (23 °C) at 133 psi (23 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 17.6, Short Radius	PR1747645800	7.874	12.149	23.523	15.311	0.449	9.26	8.7	Butt 8"	Butt 8"	73 °F (23 °C) at 133 psi (23 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 9, Short Radius	PR947645100	9.843	9.772	20.13	15.279	1.098	20.84	9.6	Butt 10"	Butt 10"	73 °F (23 °C) at 270 psi (23 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 9, Short Radius	PR947645120	12.402	11.211	23.491	18.48	1.228	38.03	12	Butt 12"	Butt 12"	73 °F (23 °C) at 270 psi (23 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 9, Short Radius	PR94764561	6.299	7.357	14.754	10.546	0.705	6.48	6	Butt 6"	Butt 6"	73 °F (23 °C) at 270 psi (23 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 9, Short Radius	PR94764581	7.874	12.149	23.523	15.311	0.882	16.58	7.6	Butt 8"	Butt 8"	73 °F (23 °C) at 270 psi (23 °C)

Part name	Part no.	Operating Temperature 2 [°F]	Operating Temperature 3 [°F]
Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 11, Short Radius	PR1147645100	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)

Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 11, Short Radius	PR1147645120	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 11, Short Radius	PR114764561	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 11, Short Radius	PR114764581	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 17.6, Short Radius	PR1747645100	140 °F (60 °C) at 72 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 17.6, Short Radius	PR1747645120	140 °F (60 °C) at 72 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 17.6, Short Radius	PR1747645600	140 °F (60 °C) at 72 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 17.6, Short Radius	PR1747645800	140 °F (60 °C) at 72 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 10" x 10", SDR 9, Short Radius	PR947645100	140 °F (60 °C) at 149 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 12" x 12", SDR 9, Short Radius	PR947645120	140 °F (60 °C) at 149 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 6" x 6", SDR 9, Short Radius	PR94764561	140 °F (60 °C) at 149 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)
Uponor PP-RCT 45 Elbow, Mechanical, 8" x 8", SDR 9, Short Radius	PR94764581	140 °F (60 °C) at 149 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)

Installation	Related applications
-	-

Codes	Standards	Listings
CMC IMC UMC	ASTM E84 NSF-14 ASTM F2389 CSA B137.11	ICC-ES-PMG 1106 IAPMO-R&T 8358 QAI P321-5 IAPMO K-12775

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