Uponor PP-RCT 45 elbows (socket fusion)

Project information

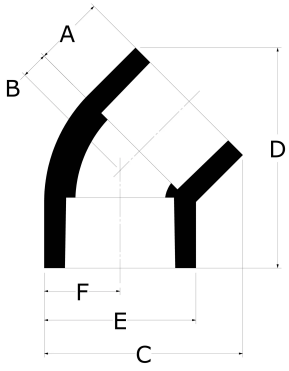
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

Technical data

Material	PP-RCT
Temp/pressure ratings	73 °F (23 °C) at 340 psi (23.44 bar) 140 °F (60 °C) at 190 psi (13.1 bar) 180 °F (82 °C) at 100 psi (6.9 bar)

Product information and application use

Use Uponor PP-RCT 45 elbows with Uponor PP-RCT mechanical pipe to convey water for hydronic heating and cooling or industrial applications.



	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	Weight per UOM [lbs/UOM]
	Uponor PP-RCT 45 Elbow, 1 1/4" x 1 1/4	PR4764513	0.866	0.382	2.756	2.882	2.244	1.122	1.7	Socket 1-1/4"	Socket 1-1/4"	0.18
✔	Uponor PP-RCT 45 Elbow, 1 1/2" x 1 1/2	PR4764515	0.925	0.51	3.213	3.35	2.594	1.297	2.2	Socket 1-1/2"	Socket 1-1/2"	0.26
	Uponor PP-RCT 45 Elbow, 2" x 2	PR4764520	1.079	0.566	3.925	3.937	3.264	1.632	2.8	Socket 2"	Socket 2"	0.45
	Uponor PP-RCT 45 Elbow, 2 1/2" x 2 1/2	PR4764525	1.181	0.675	4.626	4.528	3.909	1.955	3.3	Socket 2-1/2"	Socket 2-1/2"	0.74
	Uponor PP-RCT 45 Elbow, 3" x 3	PR4764530	1.299	0.816	5.472	5.236	4.697	2.348	3.9	Socket 3"	Socket 3"	1.22
	Uponor PP-RCT 45 Elbow, 4" x 4	PR4764540	1.575	1.137	7.454	6.894	6.543	3.272	6.7	Socket 4"	Socket 4"	3.05
	Uponor PP-RCT 45 Elbow, 1/2" x 1/2	PR4764550	0.61	0.226	1.524	1.808	1.102	0.551	0.9	Socket 1/2"	Socket 1/2"	0.03
	Uponor PP-RCT 45 Elbow, 3/4" x 3/4	PR4764575	0.669	0.258	1.78	2.044	1.327	0.663	1.1	Socket 3/4"	Socket 3/4"	0.04
	Uponor PP-RCT 45 Elbow, 1" x 1	PR4764510	0.787	0.307	2.211	2.459	1.693	0.846	1.4	Socket 1"	Socket 1"	0.08

Part name	Part no.	Codes	Standards	Listings
Uponor PP-RCT 45 elbows (socket fusion)	All	CMC|IMC|UMC	ASTM E84|ASTM F2389|CSA B137.11	ICC-ES-PMG 1106|IAPMO-R&T 8358|QAI P321-5|IAPMO K-12775
In addition, the following parts have additional codes, standards, or listings:				
Uponor PP-RCT 45 Elbow, 1 1/4" x 1 1/4	PR4764513		NSF/ANSI 14	
Uponor PP-RCT 45 Elbow, 1 1/2" x 1 1/2	PR4764515		NSF-14	
Uponor PP-RCT 45 Elbow, 2" x 2	PR4764520		NSF/ANSI 14	
Uponor PP-RCT 45 Elbow, 2 1/2" x 2 1/2	PR4764525		NSF/ANSI 14	
Uponor PP-RCT 45 Elbow, 3" x 3	PR4764530		NSF/ANSI 14	
Uponor PP-RCT 45 Elbow, 4" x 4	PR4764540		NSF-14	
Uponor PP-RCT 45 Elbow, 1/2" x 1/2	PR4764550		NSF/ANSI 14	
Uponor PP-RCT 45 Elbow, 3/4" x 3/4	PR4764575		NSF-14	
Uponor PP-RCT 45 Elbow, 1" x 1	PR4764510		NSF-14	

© 2024 Uponor North America. All Rights Reserved

Installation	Related applications
Use approved socket-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details.	Hydronic heating and cooling systems Industrial

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

© 2024 Uponor North America. All Rights Reserved