

Uponor PP-RCT tees, mechanical (socket fusion)

Project information

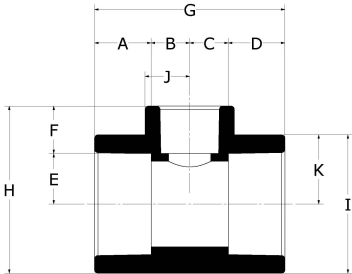
Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

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 tees 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]	G [inch]	H [inch]	I [inch]	J [inch]
Uponor PP-RCT Tee, 1" x 1" x 1	PR4751000	0.728	0.709	0.709	0.728	0.669	0.728	2.874	2.283	1.772	0.886
Uponor PP-RCT Tee, 1 1/4" x 1 1/4" x 1 1/4	PR4751250	0.827	0.886	0.886	0.827	0.925	0.827	3.425	2.835	2.165	1.083
Uponor PP-RCT Tee, 1 1/2" x 1 1/2" x 1 1/2	PR4751500	0.945	1.122	1.122	0.945	1.102	0.945	4.134	3.386	2.677	1.339
Uponor PP-RCT Tee, 2" x 2" x 2	PR4752000	1.114	1.386	1.386	1.114	1.346	1.114	5	4.134	3.346	1.673
Uponor PP-RCT Tee, 2 1/2" x 2 1/2" x 2 1/2	PR4752500	1.22	1.535	1.535	1.22	1.535	1.22	5.512	4.724	3.937	1.969
Uponor PP-RCT Tee, 3" x 3" x 3	PR4753000	1.417	1.811	1.811	1.417	1.85	1.417	6.457	5.65	4.764	2.382
Uponor PP-RCT Tee, 4" x 4" x 4	PR4754000	1.575	2.49	2.49	1.575	2.49	1.575	8.13	7.337	6.543	3.272
Uponor PP-RCT Tee, 1/2" x 1/2" x 1/2	PR4755050	0.63	0.413	0.413	0.63	0.413	0.63	2.087	1.594	1.102	0.551
Uponor PP-RCT Tee, 3/4" x 3/4" x 3/4	PR4757575	0.709	0.512	0.512	0.709	0.512	0.709	2.441	1.89	1.339	0.669

Part name	Part no.	K [inch]	Equivalent length branch [ft]	Equivalent length through [ft]	End Type 1	End Type 2	End Type 3	Weight per UOM [lbs/UOM]
Uponor PP-RCT Tee, 1" x 1" x 1	PR4751000	0.886	4.2	0.9	Socket 1"	Socket 1"	Socket 1"	0.16
Uponor PP-RCT Tee, 1 1/4" x 1 1/4" x 1 1/4	PR4751250	1.083	5.2	1.1	Socket 1-1/4"	Socket 1-1/4"	Socket 1-1/4"	0.27
Uponor PP-RCT Tee, 1 1/2" x 1 1/2" x 1 1/2	PR4751500	1.339	6.6	1.4	Socket 1-1/2"	Socket 1-1/2"	Socket 1-1/2"	0.49
Uponor PP-RCT Tee, 2" x 2" x 2	PR4752000	1.673	8.3	1.7	Socket 2"	Socket 2"	Socket 2"	0.92
Uponor PP-RCT Tee, 2 1/2" x 2 1/2" x 2 1/2	PR4752500	1.969	9.8	2.1	Socket 2-1/2"	Socket 2-1/2"	Socket 2-1/2"	1.33
Uponor PP-RCT Tee, 3" x 3" x 3	PR4753000	2.382	11.8	2.5	Socket 3"	Socket 3"	Socket 3"	2.29
Uponor PP-RCT Tee, 4" x 4" x 4	PR4754000	3.272	20.1	4.2	Socket 4"	Socket 4"	Socket 4"	5.04
Uponor PP-RCT Tee, 1/2" x 1/2" x 1/2	PR4755050	0.551	2.6	0.5	Socket 1/2"	Socket 1/2"	Socket 1/2"	0.05
Uponor PP-RCT Tee, 3/4" x 3/4" x 3/4	PR4757575	0.669	3.3	0.7	Socket 3/4"	Socket 3/4"	Socket 3/4"	0.07

Part name	Part no.	Codes	Standards	Listings
Uponor PP-RCT tees, mechanical (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 Tee, 1" x 1" x 1	PR4751000		NSF/ANSI 14	
Uponor PP-RCT Tee, 1 1/4" x 1 1/4" x 1 1/4	PR4751250		NSF/ANSI 14	
Uponor PP-RCT Tee, 1 1/2" x 1 1/2" x 1 1/2	PR4751500		NSF/ANSI 14	
Uponor PP-RCT Tee, 2" x 2" x 2	PR4752000		NSF/ANSI 14	
Uponor PP-RCT Tee, 2 1/2" x 2 1/2" x 2 1/2	PR4752500		NSF/ANSI 14	
Uponor PP-RCT Tee, 3" x 3" x 3	PR4753000		NSF/ANSI 14	
Uponor PP-RCT Tee, 4" x 4" x 4	PR4754000		NSF/ANSI 14	
Uponor PP-RCT Tee, 1/2" x 1/2" x 1/2	PR4755050		NSF-14	
Uponor PP-RCT Tee, 3/4" x 3/4" x 3/4	PR4757575		NSF-14	

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