

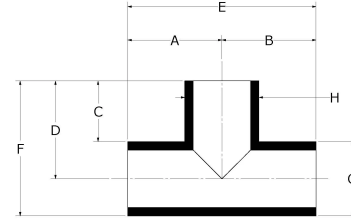
# Uponor PP-RCT tees, mechanical (butt fusion)

## Project Information

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

## Product information and application use

Use Uponor PP-RCT fabricated 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]	Equivalent length branch [ft]	Equivalent length through [ft]
Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 11	PR11475600	11.811	11.811	8.661	11.811	23.622	14.961	6.299	6.299	25.8	5.4
Uponor PP-RCT Tee, Mechanical, 10" x 10" x 10", SDR 17.6	PR17475100	17.717	17.717	12.795	17.717	35.433	22.638	9.843	9.843	43.6	9.1
Uponor PP-RCT Tee, Mechanical, 12" x 12" x 12", SDR 17.6	PR17475120	19.685	19.685	13.484	19.685	39.37	25.886	12.402	12.402	55	11.5
Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 17.6	PR17475600	11.811	11.811	8.661	11.811	23.622	14.961	6.299	6.299	27.9	5.8
Uponor PP-RCT Tee, Mechanical, 8" x 8" x 8", SDR 17.6	PR17475800	13.78	13.78	9.843	13.78	27.559	17.717	7.874	7.874	34.9	7.3
Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 9	PR9475600	11.811	11.811	8.661	11.811	23.622	14.961	6.299	6.299	23.9	5
Uponor PP-RCT Tee, Mechanical, 8" x 8" x 8", SDR 9	PR9475800	13.78	13.78	9.843	13.78	27.559	17.717	7.874	7.874	30.6	6.2
Uponor PP-RCT Tee, Mechanical, 10" x 10" x 10", SDR 11	PR11475100	15.748	15.748	10.827	15.748	31.496	20.669	9.843	9.843	40.29	8.4
Uponor PP-RCT Tee, Mechanical, 12" x 12" x 12", SDR 11	PR11475120	19.783	19.783	13.583	19.783	39.567	25.984	12.402	12.402	50.69	10.6
Uponor PP-RCT Tee, Mechanical, 8" x 8" x 8", SDR 11	PR11475800	13.78	13.78	9.843	13.78	27.559	17.717	7.874	7.874	32.19	6.69
Uponor PP-RCT Tee, Mechanical, 10" x 10" x 10", SDR 9	PR9475100	15.748	15.748	10.827	15.748	31.496	20.669	9.843	9.843	38.19	7.71
Uponor PP-RCT Tee, Mechanical, 12" x 12" x 12", SDR 9	PR9475120	19.783	19.783	13.583	19.783	39.567	25.984	12.402	12.402	48.2	9.09

Part name	Part no.	End Type 1	End Type 2	End Type 3	Operating Temperature 1 [°F]	Operating Temperature 2 [°F]	Operating Temperature 3 [°F]	Material group	Weight per UOM [lbs/UOM]
Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 11	PR11475600	Butt 6"	Butt 6"	Butt 6"	73 °F (23 °C) at 215 psi (23 °C)	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)	-	11.39
Uponor PP-RCT Tee, Mechanical, 10" x 10" x 10", SDR 17.6	PR17475100	Butt 10"	Butt 10"	Butt 10"	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)	-	28.1
Uponor PP-RCT Tee, Mechanical, 12" x 12" x 12", SDR 17.6	PR17475120	Butt 12"	Butt 12"	Butt 12"	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)	-	48
Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 17.6	PR17475600	Butt 6"	Butt 6"	Butt 6"	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)	-	7.64

						°C)	°C)		
Uponor PP-RCT Tee, Mechanical, 8" x 8" x 8", SDR 17.6	PR17475800	Butt 8"	Butt 8"	Butt 8"	73 °F (23 °C) at 130 psi (23 °C)	140 °F (60 °C) at 70 psi (60 °C)	180 °F (82 °C) at 50 psi (82 °C)	-	13.95
Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 9	PR9475600	Butt 6"	Butt 6"	Butt 6"	73 °F (23 °C) at 265 psi (23 °C)	140 °F (60 °C) at 150 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)	PP-RCT	13.76
Uponor PP-RCT Tee, Mechanical, 8" x 8" x 8", SDR 9	PR9475800	Butt 8"	Butt 8"	Butt 8"	73 °F (23 °C) at 265 psi (23 °C)	140 °F (60 °C) at 150 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)	-	25.15
Uponor PP-RCT Tee, Mechanical, 10" x 10" x 10", SDR 11	PR11475100	Butt 10"	Butt 10"	Butt 10"	73 °F (23 °C) at 215 psi (23 °C)	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)	PP-RCT	37.69
Uponor PP-RCT Tee, Mechanical, 12" x 12" x 12", SDR 11	PR11475120	Butt 12"	Butt 12"	Butt 12"	73 °F (23 °C) at 215 psi (23 °C)	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)	PP-RCT	75.14
Uponor PP-RCT Tee, Mechanical, 8" x 8" x 8", SDR 11	PR11475800	Butt 8"	Butt 8"	Butt 8"	73 °F (23 °C) at 215 psi (23 °C)	140 °F (60 °C) at 120 psi (60 °C)	180 °F (82 °C) at 80 psi (82 °C)	PP-RCT	21.4
Uponor PP-RCT Tee, Mechanical, 10" x 10" x 10", SDR 9	PR9475100	Butt 10"	Butt 10"	Butt 10"	73 °F (23 °C) at 265 psi (23 °C)	140 °F (60 °C) at 150 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)	PP-RCT	45.4
Uponor PP-RCT Tee, Mechanical, 12" x 12" x 12", SDR 9	PR9475120	Butt 12"	Butt 12"	Butt 12"	73 °F (23 °C) at 265 psi (23 °C)	140 °F (60 °C) at 150 psi (60 °C)	180 °F (82 °C) at 100 psi (82 °C)	PP-RCT	90.62

Part name	Part no.	Codes	Standards	Listings
Uponor PP-RCT tees, mechanical (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
Use approved butt-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details.	Hydronic heating and cooling systems Industrial

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>