

Uponor PP-RCT mechanical pipes, SDR 9 with fiber

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 270 psi (18.6 bar) 120 °F (49 °C) at 176 psi (12.1 bar) 180 °F (82 °C) at 100 psi (6.9 bar)
Prop 65 label required?	No

Product information and application use

Use Uponor PP-RCT mechanical pipe to convey fluid for hydronic heating and cooling or industrial applications. The pipe contains a fiber layer coextruded into the mid-wall of the pipe to reduce expansion/contraction with temperature changes.



Part name	Part no.	Inner diameter pipe [inch]	Outer diameter pipe [inch]	R value	Weight per UOM [lbs/UOM]
1" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9231310	0.976	1.26	0.1	2.86
1 1/4" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9231313	1.22	1.575	0.12	4.42
1 1/2" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9231315	1.528	1.969	0.15	6.89
2" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 13-ft. straight length	PR9231320	1.921	2.48	0.19	11.05
2 1/2" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9231925	2.291	2.953	0.23	22.61
3" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9231930	2.748	3.543	0.27	32.68
4" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9231940	3.819	4.921	0.38	62.32
6" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9231960	4.89	6.299	0.48	102.03
8" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length	PR9231980	6.11	7.874	0.6	159.41
10" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length	PR92319100	7.646	9.843	0.75	247.95
12" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length	PR92319120	9.63	12.402	0.94	394.25

Part name	Part no.	Codes	Standards	Listings
Uponor PP-RCT mechanical pipes, SDR 9 with fiber	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 or 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