

Uponor PP-RCT mechanical pipes, SDR 11 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 252 psi (17.4 bar) 120 °F (49 °C) at 140 psi (9.7 bar) 180 °F (82 °C) at 85 psi (5.9 bar)

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	Prop 65 label required?	Weight per UOM [lbs/UOM]
1" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 13-ft. straight length	PR11231310	1.031	1.26	0.08	No	2.47
1 1/4" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 13-ft. straight length	PR11231313	1.283	1.575	0.1	No	3.77
1 1/2" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 13-ft. straight length	PR11231315	1.606	1.969	0.12	No	5.85
2" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 13-ft. straight length	PR11231320	2.024	2.48	0.15	No	9.36
10" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR112319100	8.055	9.843	0.59	No	208.05
12" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR112319120	10.173	12.402	0.75	No	327.94
2 1/2" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR11231925	2.417	2.953	0.18	No	19
4" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR11231940	4.024	4.921	0.3	Yes	52.63
6" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR11231960	5.15	6.299	0.38	Yes	85.88
8" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR11231980	6.441	7.874	0.48	No	133.76
3" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR11231930	2.898	3.543	0.21	No	27.36

Part name	Part no.	Codes	Standards	Listings
Uponor PP-RCT mechanical pipes, SDR 11 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

Use approved butt-fusion or socket-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details.

Related applications

Hydronic heating and cooling systems
Industrial

Footnotes

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Contact information

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