

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]	Weight per UOM [lbs/UOM]	R value	Prop 65 label required?
1" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 13-ft. straight length	PR11231310	1.031	1.26	2.47	0.08	-
1 1/4" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 13-ft. straight length	PR11231313	1.283	1.575	3.77	-	-
1 1/2" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 13-ft. straight length	PR11231315	1.606	1.969	5.85	-	-
2" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 13-ft. straight length	PR11231320	2.024	2.48	9.36	-	-
10" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR112319100	8.055	9.843	208.05	-	-
12" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR112319120	10.173	12.402	327.94	-	-
2 1/2" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR11231925	2.417	2.953	19	-	-
3" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR11231930	2.898	3.543	27.36	-	-
4" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR11231940	4.024	4.921	52.63	-	-
6" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR11231960	5.15	6.299	85.88	-	-
8" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 19-ft. straight length	PR11231980	6.441	7.874	133.76	-	-

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

Codes

CMC|IMC|UMC

Standards

ASTM E84|NSF-14|ASTM F2389|CSA B137.11*

Listings

ICC-ES-PMG 1106|IAPMO-R&T 8358|QAI P321-5|IAPMO K-12775

Footnotes

* Some SKUs in this family have additional codes, standards, or listings. Please see uponor.com for complete information.

Contact information

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