# Uponor PP-RCT mechanical pipes, SDR 11 with fiber

## Project information

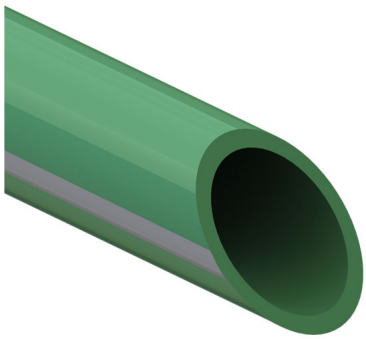
| | |
|---|---|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

## Technical data

Material PP-RCT

## 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] | Operating Temperature 1 [°F] | Operating Temperature 2 [°F] | Operating Temperature 3 [°F] | 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 | 73 | 120 | 180 | 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 | 73 | 120 | 180 | 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 | 73 | 120 | 180 | 0.12 | No | 5.85 |
| 2" Uponor PP-RCT Mechanical Pipe, SDR 11 with Fiber, 13-ft. straight length | PR11231320 | 2.024 | 2.48 | 73 | 120 | 180 | 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 | 73 | 120 | 180 | 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 | 73 | 120 | 180 | 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

-

## 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


© 2024 Uponor North America. All Rights Reserved