

# 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)<br>120 °F (49 °C) at 140 psi (9.7 bar)<br>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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