

Uponor PP-RCT mechanical pipes, SDR 17.6 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 133 psi (9.2 bar)<br>120 °F (49 °C) at 87 psi (6 bar)<br>180 °F (82 °C) at 50 psi (3.5 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] |
|--|-------------|----------------------------|----------------------------|---------|--------------------------|
| 10" Uponor PP-RCT Mechanical Pipe, SDR 17.6 with Fiber, 19-ft. straight length | PR172319100 | 8.724                      | 9.843                      | 0.36    | 135.09                   |
| 12" Uponor PP-RCT Mechanical Pipe, SDR 17.6 with Fiber, 19-ft. straight length | PR172319120 | 10.992                     | 12.402                     | 0.45    | 213.75                   |
| 4" Uponor PP-RCT Mechanical Pipe, SDR 17.6 with Fiber, 19-ft. straight length  | PR17231940  | 4.362                      | 4.921                      | 0.18    | 34.2                     |
| 6" Uponor PP-RCT Mechanical Pipe, SDR 17.6 with Fiber, 19-ft. straight length  | PR17231960  | 5.583                      | 6.299                      | 0.23    | 55.67                    |
| 8" Uponor PP-RCT Mechanical Pipe, SDR 17.6 with Fiber, 19-ft. straight length  | PR17231980  | 6.976                      | 7.874                      | 0.29    | 86.83                    |

| Part name   | Part no. | Codes       | Standards                                   | Listings  |
|---|----------|-------------|---|---|
| Uponor PP-RCT mechanical pipes, SDR 17.6 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<br>Industrial |

| Footnotes | Contact information  |
|-----------|--|
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