

Uponor PP-RCT mechanical pipes, SDR 9 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 270 psi (18.6 bar) 120 °F (49 °C) at 176 psi (12.1 bar) 180 °F (82 °C) at 100 psi (6.9 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] |
|--|------------|----------------------------|----------------------------|---------|--------------------------|
| 1" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 13-ft. straight length | PR9231310 | 0.976 | 1.26 | 0.1 | 2.86 |
| 1 1/4" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 13-ft. straight length | PR9231313 | 1.22 | 1.575 | 0.12 | 4.42 |
| 1 1/2" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 13-ft. straight length | PR9231315 | 1.528 | 1.969 | 0.15 | 6.89 |
| 2" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 13-ft. straight length | PR9231320 | 1.921 | 2.48 | 0.19 | 11.05 |
| 2 1/2" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9231925 | 2.291 | 2.953 | 0.23 | 22.61 |
| 3" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9231930 | 2.748 | 3.543 | 0.27 | 32.68 |
| 4" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9231940 | 3.819 | 4.921 | 0.38 | 62.32 |
| 6" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9231960 | 4.89 | 6.299 | 0.48 | 102.03 |
| 8" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9231980 | 6.11 | 7.874 | 0.6 | 159.41 |
| 10" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length | PR92319100 | 7.646 | 9.843 | 0.75 | 247.95 |
| 12" Uponor PP-RCT Mechanical Pipe, SDR 9 with Fiber, 19-ft. straight length | PR92319120 | 9.63 | 12.402 | 0.94 | 394.25 |

| Part name | Part no. | Codes | Standards | Listings |
|--|----------|-------------|---|---|
| Uponor PP-RCT mechanical pipes, SDR 9 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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