

Uponor PP-RCT hot potable pipes, SDR 9 with fiber

Project Information

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

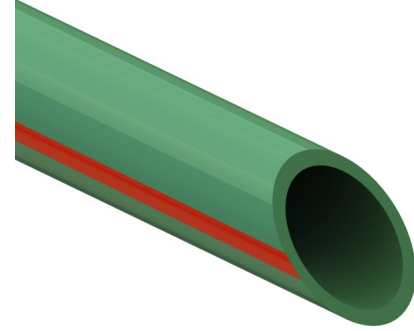
Technical data

| | |
|-------------------------|--|
| 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 hot potable pipe to convey water for hot potable plumbing applications. The fiber layer coextruded into the mid-wall of the pipe to reduce expansion/contraction with temperature changes also makes the pipe acceptable for use in hydronic heating and cooling applications.

Note: Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PP-RCT Piping Systems Manual, the Uponor PP-RCT Piping Systems Installation Guide, and the Uponor PP-RCT DHW Systems Design, Installation, and Operation Guidelines.



| Part name | Part no. | Inner diameter pipe [inch] | Outer diameter pipe [inch] | R value | Weight per UOM [lbs/UOM] |
|---|-----------|----------------------------|----------------------------|---------|--------------------------|
| 1" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length | PR9221310 | 0.976 | 1.26 | 0.1 | 2.86 |
| 1 1/4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length | PR9221313 | 1.22 | 1.575 | 0.12 | 4.42 |
| 1 1/2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length | PR9221315 | 1.528 | 1.969 | 0.15 | 6.89 |
| 2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length | PR9221320 | 1.921 | 2.48 | 0.19 | 11.05 |
| 2 1/2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9221925 | 2.291 | 2.953 | 0.23 | 22.61 |
| 3" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9221930 | 2.748 | 3.543 | 0.27 | 32.68 |
| 4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9221940 | 3.819 | 4.921 | 0.38 | 62.32 |
| 6" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9221960 | 4.89 | 6.299 | 0.48 | 102.03 |
| 8" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9221980 | 6.11 | 7.874 | 0.6 | 159.41 |

| Part name | Part no. | Codes | Standards | Listings |
|---|-----------|---|---|---|
| Uponor PP-RCT hot potable pipes, SDR 9 with fiber | All | UPC IRC IPC NPC of Canada UMC CMC CPC IMC | NSF/ANSI/CAN 61 ASTM E84 NSF/ANSI 14 ASTM F2389 CSA B137.11 | ICC-ES-PMG 1106 IAPMO-R&T 8358 QAI P321-5 IAPMO K-12775 |
| In addition, the following parts have additional codes, standards, or listings: | | | | |
| 1" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length | PR9221310 | | NSF/ANSI 51 | |
| 1 1/4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length | PR9221313 | | NSF/ANSI 51 | |
| 2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 13-ft. straight length | PR9221320 | | NSF/ANSI 51 | |
| 2 1/2" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9221925 | | NSF/ANSI 51 | |
| 3" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9221930 | | NSF/ANSI 51 | |
| 4" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9221940 | | NSF/ANSI 51 | |
| 6" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9221960 | | NSF/ANSI 51 | |
| 8" Uponor PP-RCT Hot Potable Pipe, SDR 9 with Fiber, 19-ft. straight length | PR9221980 | | NSF/ANSI 51 | |

| Installation | Related applications |
|---|--|
| Use approved butt-fusion or socket-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details. | |
| Note: Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PP-RCT Piping Systems Manual, the Uponor PP-RCT Piping Systems Installation Guide, and the Uponor PP-RCT DHW Systems Design, Installation, and Operation Guidelines. | Domestic water systems Hydronic heating and cooling systems |

| Footnotes | Contact information |
|-----------|---|
| - | <p>Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739 F 952.891.2008</p> <p>Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.638.9517</p> |