

# 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:    |

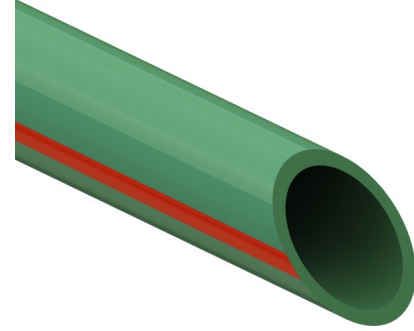
## Technical data

|                         |  |
|-------------------------|--|
| Material                | PP-RCT   |
| Temp/pressure ratings   | 73 °F (23 °C) at 270 psi (18.6 bar)<br>120 °F (49 °C) at 176 psi (12.1 bar)<br>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.   |  |
| <b>Note:</b> 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<br>Hydronic heating and cooling systems |

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