

Uponor PP-RCT 90 elbows, hot potable, short radius (butt fusion)



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 265 psi (18.27 bar) |
| | 140 °F (60 °C) at 150 psi (10.34 bar) |
| | 180 °F (82 °C) at 100 psi (6.9 bar) |

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. | A [inch] | B [inch] | C [inch] | D [inch] | Equivalent length through [ft] | End Type 1 | End Type 2 | Weight per UOM [lbs/UOM] |
|---|------------|-------------|-------------|-------------|-------------|---|---------------|---------------|--------------------------------|
| Uponor PP-RCT 90 Elbow, Hot Potable, 6" x 6", SDR 9, Short Radius | PR94769063 | 14.193 | 14.193 | 6.299 | 0.705 | 18.01 | Butt 6" | Butt 6" | 7.88 |
| Uponor PP-RCT 90 Elbow, Hot Potable, 8" x 8", SDR 9, Short Radius | PR94769083 | 19.94 | 19.94 | 7.874 | 0.882 | 21.49 | Butt 8" | Butt 8" | 18.11 |

| Part name | Part no. | Codes | Standards | Listings |
|--|----------|---|---|---|
| Uponor PP-RCT 90 elbows, hot potable, short radius (butt fusion) | All | UPC IRC IPC NPC of Canada UMC CMC CPC IMC | NSF/ANSI/CAN 61 ASTM E84 NSF/ANSI 14 NSF/ANSI 51 ASTM F2389 CSA B137.11 | ICC-ES-PMG 1106 IAPMO-R&T 8358 QAI P321-5 IAPMO K-12775 |

Installation

Use approved butt-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details.

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Related applications

Domestic water systems
Hydronic heating and cooling systems

Footnotes

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Contact information

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