

Uponor PP-RCT end caps (butt fusion)

Project Information

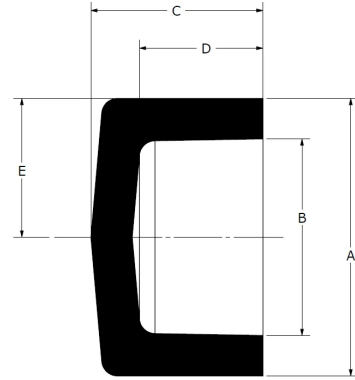
| | |
|--------------------------------|-----------------|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

Technical data

Material PP-RCT

Product information and application use

Use Uponor PP-RCT Butt-Fusion End Caps with Uponor PP-RCT Mechanical Pipe to convey fluid for hydronic heating and cooling or industrial applications and with Uponor PP-RCT Potable Pipe to convey water for potable plumbing applications.



| Part name | Part no. | A [inch] | B [inch] | C [inch] | D [inch] | E [inch] | End Type 1 | Operating Temperature 1 [°F] | Operating Temperature 2 [°F] | Operating Temperature 3 [°F] | Weight per UOM [lbs/UOM] |
|--------------------------------------|------------|----------|----------|----------|----------|----------|------------|----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Uponor PP-RCT End Cap, 10", SDR 11 | PR11435100 | 9.843 | 8.055 | 4.484 | 3.591 | 4.921 | Butt 10" | 73 °F (23 °C) at 215 psi (23 °C) | 140 °F (60 °C) at 120 psi (60 °C) | 180 °F (82 °C) at 80 psi (82 °C) | 5.56 |
| Uponor PP-RCT End Cap, 10", SDR 17.6 | PR17435100 | 9.874 | 8.693 | 4.48 | 2.913 | 4.937 | Butt 10" | 73 °F (23 °C) at 130 psi (23 °C) | 140 °F (60 °C) at 70 psi (60 °C) | 180 °F (82 °C) at 50 psi (82 °C) | 4.68 |
| Uponor PP-RCT End Cap, 10", SDR 9 | PR9435100 | 9.843 | 7.646 | 4.456 | 3.357 | 4.921 | Butt 10" | 73 °F (23 °C) at 265 psi (23 °C) | 140 °F (60 °C) at 150 psi (60 °C) | 180 °F (82 °C) at 100 psi (82 °C) | 6.05 |
| Uponor PP-RCT End Cap, 12", SDR 11 | PR11435120 | 12.402 | 10.15 | 4.383 | 3.257 | 6.201 | Butt 12" | 73 °F (23 °C) at 215 psi (23 °C) | 140 °F (60 °C) at 120 psi (60 °C) | 180 °F (82 °C) at 80 psi (82 °C) | 9.67 |
| Uponor PP-RCT End Cap, 12", SDR 17.6 | PR17435120 | 12.433 | 10.969 | 4.679 | 2.652 | 6.217 | Butt 12" | 73 °F (23 °C) at 130 psi (23 °C) | 140 °F (60 °C) at 70 psi (60 °C) | 180 °F (82 °C) at 50 psi (82 °C) | 8.37 |
| Uponor PP-RCT End Cap, 12", SDR 9 | PR9435120 | 12.402 | 9.63 | 4.673 | 3.287 | 6.201 | Butt 12" | 73 °F (23 °C) at 265 psi (23 °C) | 140 °F (60 °C) at 150 psi (60 °C) | 180 °F (82 °C) at 100 psi (82 °C) | 10.4 |
| Uponor PP-RCT End Cap, 6", SDR 11 | PR1143560 | 6.299 | 5.087 | 2.92 | 1.654 | 3.15 | Butt 6" | 73 °F (23 °C) at 215 psi (23 °C) | 140 °F (60 °C) at 120 psi (60 °C) | 180 °F (82 °C) at 80 psi (82 °C) | 1.58 |
| Uponor PP-RCT End Cap, 6", SDR 17.6 | PR1743560 | 6.299 | 5.512 | 3.002 | 1.689 | 3.15 | Butt 6" | 73 °F (23 °C) at 130 psi (23 °C) | 140 °F (60 °C) at 70 psi (60 °C) | 180 °F (82 °C) at 50 psi (82 °C) | 1.36 |
| Uponor PP-RCT End Cap, 6", SDR 9 | PR9435600 | 6.299 | 4.89 | 2.92 | 1.689 | 3.15 | Butt 6" | 73 °F (23 °C) at 265 psi (23 °C) | 140 °F (60 °C) at 150 psi (60 °C) | 180 °F (82 °C) at 100 psi (82 °C) | 1.67 |
| Uponor PP-RCT End Cap, 8", SDR 11 | PR1143580 | 7.874 | 6.441 | 4.339 | 3.622 | 3.937 | Butt 8" | 73 °F (23 °C) at 215 psi (23 °C) | 140 °F (60 °C) at 120 psi (60 °C) | 180 °F (82 °C) at 80 psi (82 °C) | 3.3 |
| Uponor PP-RCT End Cap, 8", SDR 17.6 | PR1743580 | 7.898 | 6.953 | 4.354 | 3.107 | 3.949 | Butt 8" | 73 °F (23 °C) at 130 psi (23 °C) | 140 °F (60 °C) at 70 psi (60 °C) | 180 °F (82 °C) at 50 psi (82 °C) | 2.7 |
| Uponor PP-RCT End Cap, 8", SDR 9 | PR943580 | 7.874 | 6.11 | 4.357 | 3.475 | 3.937 | Butt 8" | 73 °F (23 °C) at 265 psi (23 °C) | 140 °F (60 °C) at 150 psi (60 °C) | 180 °F (82 °C) at 100 psi (82 °C) | 3.65 |

| Part name | Part no. | Codes | Standards | Listings |
|---|------------|-------------|---|---|
| Uponor PP-RCT end caps (butt fusion) | 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 |
| In addition, the following parts have additional codes, standards, or listings: | | | | |
| Uponor PP-RCT End Cap, 10", SDR 11 | PR11435100 | | NSF/ANSI/CAN 61 | |
| Uponor PP-RCT End Cap, 10", SDR 9 | PR9435100 | | NSF/ANSI/CAN 61 | |
| Uponor PP-RCT End Cap, 12", SDR 11 | PR11435120 | | NSF/ANSI/CAN 61 | |
| Uponor PP-RCT End Cap, 12", SDR 9 | PR9435120 | | NSF/ANSI/CAN 61 | |
| Uponor PP-RCT End Cap, 8", SDR 11 | PR1143580 | | NSF/ANSI/CAN 61 | |
| Uponor PP-RCT End Cap, 8", SDR 9 | PR943580 | | NSF/ANSI/CAN 61 | |

| Installation | Related applications |
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| Use approved butt-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details. | Hydronic heating and cooling systems Industrial Domestic water 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> |