

# Uponor PP-RCT end caps (butt fusion)

## Project Information

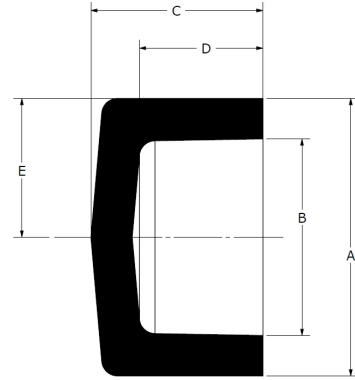
|                                |                 |
|--------------------------------|-----------------|
| Job name:                      | Location:       |
| Engineer:                      | Date submitted: |
| Contractor:                    | Submitted by:   |
| Manufacturer's representative: | Approved 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   |
|--|--|
| Use approved butt-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details. | Hydronic heating and cooling systems<br>Industrial<br>Domestic water 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> |