

# Uponor PP-RCT end caps (butt fusion)

## Project Information

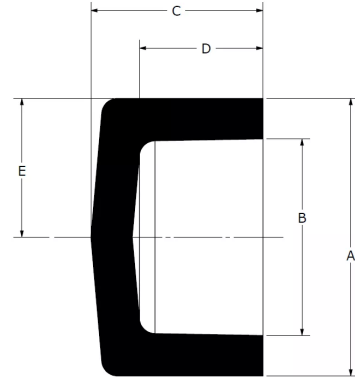
|                                |                 |
|--------------------------------|-----------------|
| Job name:                      | Location:       |
| Engineer:                      | Date submitted: |
| Contractor:                    | Submitted by:   |
| Manufacturer's representative: | Approved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

## Technical data

Material PP-RCT

## Product information and application use

Use Uponor PP-RCT end caps with Uponor PP-RCT mechanical pipe to convey water for hydronic heating and cooling or industrial applications.



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

## Installation

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

## Related applications

Hydronic heating and cooling systems  
Industrial

| Codes       | Standards                               | Listings  |
|-------------|---|---|
| CMC IMC UMC | ASTM E84 NSF-14 ASTM F2389 CSA B137.11* | ICC-ES-PMG 1106 APMO-R&T 8358 QAI P321-5 APMO K-12775 |

| Footnotes  | Contact information  |   |   |
|--|--|---|---|
| -<br>* Some SKUs in this family have additional codes, standards, or listings. Please see uponor.com for complete information. | <table border="0"> <tr> <td>Uponor Inc.<br/>5925 148th Street West<br/>Apple Valley, MN 55124<br/>T 800.321.4739<br/>F 952.891.2008</td> <td>Uponor Ltd.<br/>6510 Kennedy Road<br/>Mississauga, ON L5T 2X4<br/>T 888.594.7726<br/>F 800.638.9517</td> </tr> </table> | Uponor Inc.<br>5925 148th Street West<br>Apple Valley, MN 55124<br>T 800.321.4739<br>F 952.891.2008 | Uponor Ltd.<br>6510 Kennedy Road<br>Mississauga, ON L5T 2X4<br>T 888.594.7726<br>F 800.638.9517 |
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