

Uponor PP-RCT flange adapters (butt fusion)

Project Information

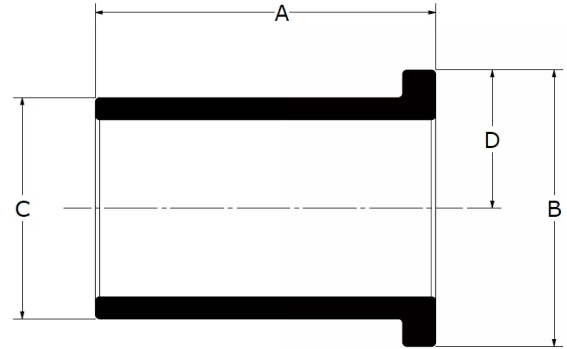
| | |
|---------------------------------|-----------------|
| Job name : | Location : |
| Engineer : | Date submitted: |
| Contractor : | Submitted by: |
| Manufacturer's representative : | Approved by : |

Technical data

Material PP-RCT

Product information and application use

Use Uponor PP-RCT flange adapters with Uponor PP-RCT mechanical pipe to convey water for hydronic heating and cooling or industrial applications. Note: The 4" flange adapters can be butt fused or socket fused if used with the Uponor PP-RCT Coupling, 4" x 4" (PR4774040).



| Part name | Part no. | A [inch] | B [inch] | C [inch] | D [inch] | Weight per UOM [lbs/UOM] | End Type 1 | End Type 2 | Operating Temperature 1 [°F] | Operating Temperature 2 [°F] | Operating Temperature 3 [°F] |
|--|------------|----------|----------|----------|----------|--------------------------|------------|------------|----------------------------------|-----------------------------------|-----------------------------------|
| Uponor PP-RCT Flange Adapter, 10", SDR 11 | PR11298100 | 6.496 | 12.598 | 9.843 | 6.299 | 7.16 | 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 Flange Adapter, 12", SDR 11 | PR11298120 | 6.496 | 14.567 | 12.402 | 7.283 | 9.87 | 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 Flange Adapter, 4", SDR 11, Butt or Socket Fused with Coupling | PR1129840 | 7.697 | 6.205 | 4.961 | 3.102 | 2.03 | Butt 4" | - | 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 Flange Adapter, 6", SDR 11 | PR1129860 | 7.697 | 8.504 | 6.339 | 4.252 | 3.64 | 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 Flange Adapter, 8", SDR 11 | PR1129880 | 6.496 | 10.433 | 7.874 | 5.217 | 4.85 | 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 Flange Adapter, 10", SDR 17.6 | PR17298100 | 6.496 | 12.598 | 9.843 | 6.299 | 5.46 | 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 Flange Adapter, 12", SDR 17.6 | PR17298120 | 6.496 | 14.567 | 12.402 | 7.283 | 7.17 | 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 Flange Adapter, 4", SDR 17.6, Butt or Socket Fused with Coupling | PR1729840 | 7.697 | 6.205 | 4.961 | 3.102 | 1.43 | Butt 4" | - | 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 Flange Adapter, 6", SDR 17.6 | PR1729860 | 7.697 | 8.504 | 6.339 | 4.252 | 2.85 | 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 Flange Adapter, 8", SDR 17.6 | PR1729880 | 5.315 | 10.433 | 7.898 | 5.217 | 3.27 | 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 Flange Adapter, 10", SDR 9 | PR9298100 | 6.496 | 12.598 | 9.843 | 6.299 | 8.12 | 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 Flange Adapter, 12", SDR 9 | PR9298120 | 6.496 | 14.567 | 12.402 | 7.283 | 11.41 | 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 Flange Adapter, 4", SDR 9, Butt or Socket | PR929840 | 3.937 | 6.496 | 4.921 | 3.248 | 1.31 | Butt 4" | - | 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) |

Fused with Coupling

| | | | | | | | | | | | |
|---|----------|-------|--------|-------|-------|------|------------|---|--|---|---|
| Uponor PP-RCT Flange Adapter, 6", SDR 9 | PR929860 | 7.697 | 8.504 | 6.339 | 4.252 | 3.94 | 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 Flange Adapter, 8", SDR 9 | PR929880 | 6.496 | 10.433 | 7.874 | 5.217 | 5.38 | 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 | Related applications |
|--|--|
| Use approved butt-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details. | Hydronic heating and cooling systems Industrial |

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

| Footnotes | Contact information | | |
|--|--|---|---|
| - * Some SKUs in this family have additional codes, standards, or listings. Please see uponor.com for complete information. | <table border="0"> <tr> <td style="vertical-align: top;"> Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739 F 952.891.2008 </td> <td style="vertical-align: top; padding-left: 20px;"> Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.636.9517 </td> </tr> </table> | Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739 F 952.891.2008 | Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.636.9517 |
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