# Uponor PP-RCT flange adapters (butt fusion)

## Project information

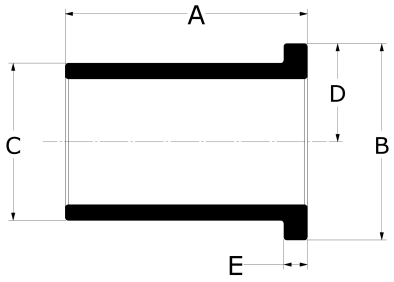
| | |
|---|---|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

## Technical data

Material PP-RCT
End type 2 Flange

## 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] | 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 Flange Adapter, 10", SDR 11 | PR11298100 | 6.496 | 12.598 | 9.843 | 6.299 | 1.575 | 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) | 7.16 |
| | Uponor PP-RCT Flange Adapter, 10", SDR 17.6 | PR17298100 | 6.496 | 12.598 | 9.843 | 6.299 | 1.378 | 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) | 5.46 |
| | Uponor PP-RCT Flange Adapter, 10", SDR 9 | PR9298100 | 6.496 | 12.598 | 9.843 | 6.299 | 2.126 | 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) | 8.12 |
| | Uponor PP-RCT Flange Adapter, 12", SDR 11 | PR11298120 | 6.496 | 14.567 | 12.402 | 7.283 | 1.969 | 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) | 9.87 |
| | Uponor PP-RCT Flange Adapter, 12", SDR 17.6 | PR17298120 | 6.496 | 14.567 | 12.402 | 7.283 | 1.378 | 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) | 7.17 |
| ✔ | Uponor PP-RCT Flange Adapter, 12", SDR 9 | PR9298120 | 6.496 | 14.567 | 12.402 | 7.283 | 2.559 | 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) | 11.41 |
| | Uponor PP-RCT Flange Adapter, 4", SDR 11, Butt or Socket Fused with Coupling | PR1129840 | 7.697 | 6.205 | 4.961 | 3.102 | 0.732 | 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) | 2.03 |
| | Uponor PP-RCT Flange Adapter, 4", SDR 17.6, Butt or Socket Fused with Coupling | PR1729840 | 7.697 | 6.205 | 4.961 | 3.102 | 0.732 | 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) | 1.43 |
| | Uponor PP-RCT Flange Adapter, 4", SDR 9, Butt or Socket Fused with Coupling | PR929840 | 3.937 | 6.496 | 4.921 | 3.248 | 0.732 | 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) | 1.31 |
| | Uponor PP-RCT Flange Adapter, 6", SDR 11 | PR1129860 | 7.697 | 8.504 | 6.339 | 4.252 | 0.984 | 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) | 3.64 |
| | Uponor PP-RCT Flange Adapter, 6", SDR 17.6 | PR1729860 | 7.697 | 8.504 | 6.339 | 4.252 | 0.984 | 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) | 2.85 |
| | Uponor PP-RCT Flange Adapter, 6", SDR 9 | PR929860 | 7.697 | 8.504 | 6.339 | 4.252 | 0.984 | 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) | 3.94 |
| | Uponor PP-RCT Flange Adapter, 8", SDR 11 | PR1129880 | 6.496 | 10.433 | 7.874 | 5.217 | 1.496 | 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) | 4.85 |
| | Uponor PP-RCT Flange Adapter, 8", SDR 17.6 | PR1729880 | 5.315 | 10.433 | 7.898 | 5.217 | 1.378 | 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) | 3.27 |

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| Uponor PP-RCT Flange Adapter, 8", SDR 9 | PR929880 | 6.496 | 10.433 | 7.874 | 5.217 | 1.496 | 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) | 5.38 |

| Part name | Part no. | Codes | Standards | Listings |
|---|---|---|---|---|
| Uponor PP-RCT flange adapters (butt fusion) | All | UMC\|CMC\|IMC | 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 Flange Adapter, 10", SDR 11 | PR11298100 | UPC\|IRC\|IPC\|NPC of Canada\|CPC | NSF/ANSI/CAN 61\|NSF/ANSI 51 | |
| Uponor PP-RCT Flange Adapter, 10", SDR 17.6 | PR17298100 | | ASTM F1960 | |
| Uponor PP-RCT Flange Adapter, 10", SDR 9 | PR9298100 | UPC\|IRC\|IPC\|NPC of Canada\|CPC | NSF/ANSI/CAN 61\|NSF/ANSI 51 | |
| Uponor PP-RCT Flange Adapter, 12", SDR 11 | PR11298120 | UPC\|IRC\|IPC\|NPC of Canada\|CPC | NSF/ANSI/CAN 61\|NSF/ANSI 51 | |
| Uponor PP-RCT Flange Adapter, 12", SDR 17.6 | PR17298120 | | ASTM F1960 | |
| Uponor PP-RCT Flange Adapter, 12", SDR 9 | PR9298120 | UPC\|IRC\|IPC\|NPC of Canada\|CPC | NSF/ANSI/CAN 61\|NSF/ANSI 51 | |
| Uponor PP-RCT Flange Adapter, 4", SDR 11, Butt or Socket Fused with Coupling | PR1129840 | UPC\|IRC\|IPC\|NPC of Canada\|CPC | ASTM F1960\|NSF/ANSI/CAN 61\|NSF/ANSI 51 | |
| Uponor PP-RCT Flange Adapter, 4", SDR 17.6, Butt or Socket Fused with Coupling | PR1729840 | | ASTM F1960 | |
| Uponor PP-RCT Flange Adapter, 4", SDR 9, Butt or Socket Fused with Coupling | PR929840 | UPC\|IRC\|IPC\|NPC of Canada\|CPC | NSF/ANSI/CAN 61\|NSF/ANSI 51 | |
| Uponor PP-RCT Flange Adapter, 6", SDR 11 | PR1129860 | UPC\|IRC\|IPC\|NPC of Canada\|CPC | ASTM F1960\|NSF/ANSI/CAN 61\|NSF/ANSI 51 | |
| Uponor PP-RCT Flange Adapter, 6", SDR 17.6 | PR1729860 | | ASTM F1960 | |
| Uponor PP-RCT Flange Adapter, 6", SDR 9 | PR929860 | UPC\|IRC\|IPC\|NPC of Canada\|CPC | ASTM F1960\|NSF/ANSI/CAN 61\|NSF/ANSI 51 | |
| Uponor PP-RCT Flange Adapter, 8", SDR 11 | PR1129880 | UPC\|IRC\|IPC\|NPC of Canada\|CPC | ASTM F1960\|NSF/ANSI/CAN 61\|NSF/ANSI 51 | |
| Uponor PP-RCT Flange Adapter, 8", SDR 17.6 | PR1729880 | | ASTM F1960 | |
| Uponor PP-RCT Flange Adapter, 8", SDR 9 | PR929880 | UPC\|IRC\|IPC\|NPC of Canada\|CPC | ASTM F1960\|NSF/ANSI/CAN 61\|NSF/ANSI 51 | |

## 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

## Footnotes

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## Contact information

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