

Uponor PP-RCT tees fabricated (butt fusion)

Project Information

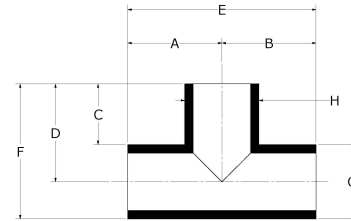
| | |
|--------------------------------|-----------------|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

Technical data

Material PP-RCT

Product information and application use

Use Uponor PP-RCT fabricated tees 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] | F [inch] | G [inch] | H [inch] | Weight per UOM [lbs/UOM] | Equivalent length branch [ft] |
|--|------------|----------|----------|----------|----------|----------|----------|----------|----------|--------------------------|-------------------------------|
| Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 11 | PR11475600 | 11.811 | 11.811 | 8.661 | 11.811 | 23.622 | 14.961 | 6.299 | 6.299 | - | - |
| Uponor PP-RCT Tee, Mechanical, 10" x 10" x 10", SDR 17.6 | PR17475100 | 17.717 | 17.717 | 12.795 | 17.717 | 35.433 | 22.638 | 9.843 | 9.843 | - | - |
| Uponor PP-RCT Tee, Mechanical, 12" x 12" x 12", SDR 17.6 | PR17475120 | 19.685 | 19.685 | 13.484 | 19.685 | 39.37 | 25.886 | 12.402 | 12.402 | 48 | 55 |
| Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 17.6 | PR17475600 | 11.811 | 11.811 | 8.661 | 11.811 | 23.622 | 14.961 | 6.299 | 6.299 | 7.64 | 27.9 |
| Uponor PP-RCT Tee, Mechanical, 8" x 8" x 8", SDR 17.6 | PR17475800 | 13.78 | 13.78 | 9.843 | 13.78 | 27.559 | 17.717 | 7.874 | 7.874 | - | - |
| Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 9 | PR9475600 | 11.811 | 11.811 | 8.661 | 11.811 | 23.622 | 14.961 | 6.299 | 6.299 | 13.76 | 23.9 |
| Uponor PP-RCT Tee, Mechanical, 8" x 8" x 8", SDR 9 | PR9475800 | 13.78 | 13.78 | 9.843 | 13.78 | 27.559 | 17.717 | 7.874 | 7.874 | - | - |

| Part name | Part no. | Equivalent length through [ft] | End Type 1 | End Type 2 | End Type 3 | Operating Temperature 1 [°F] | Operating Temperature 2 [°F] | Operating Temperature 3 [°F] |
|--|------------|--------------------------------|------------|------------|------------|----------------------------------|-----------------------------------|-----------------------------------|
| Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 11 | PR11475600 | - | Butt 6" | Butt 6" | Butt 6" | - | - | - |
| Uponor PP-RCT Tee, Mechanical, 10" x 10" x 10", SDR 17.6 | PR17475100 | - | Butt 10" | Butt 10" | Butt 10" | - | - | - |
| Uponor PP-RCT Tee, Mechanical, 12" x 12" x 12", SDR 17.6 | PR17475120 | 11.5 | Butt 12" | Butt 12" | 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 Tee, Mechanical, 6" x 6" x 6", SDR 17.6 | PR17475600 | 5.8 | Butt 6" | Butt 6" | 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 Tee, Mechanical, 8" x 8" x 8", SDR 17.6 | PR17475800 | - | Butt 8" | Butt 8" | Butt 8" | - | - | - |
| Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 9 | PR9475600 | 5 | Butt 6" | Butt 6" | 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 Tee, Mechanical, 8" x 8" x 8", SDR 9 | PR9475800 | - | Butt 8" | Butt 8" | Butt 8" | - | - | - |

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 | | |
|--|--|--|--|
| - | <table border="0"> <tr> <td> <p>Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739 F 952.891.2008</p> </td> <td> <p>Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.638.9517</p> </td> </tr> </table> | <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> |
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