

# Conectores en T fabricados de PP-RCT de Uponor (fusión a tope)

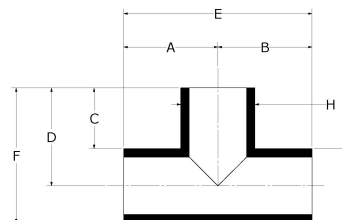


## Project Information

|                                |                 |
|--------------------------------|-----------------|
| Job name:                      | Location:       |
| Engineer:                      | Fecha de envío: |
| Contractor:                    | Presentada por: |
| Manufacturer's representative: | Approved by:    |

## 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] | Equivalent length branch [ft] | Equivalent length through [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    | 25.8                          | 5.4                            |
| 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    | 43.6                          | 9.1                            |
| 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   | 55                            | 11.5                           |
| 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    | 27.9                          | 5.8                            |
| 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    | 34.9                          | 7.3                            |
| 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    | 23.9                          | 5                              |
| 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    | 30.6                          | 6.2                            |
| Uponor PP-RCT Tee, Mechanical, 10" x 10" x 10", SDR 11   | PR11475100 | 15.748   | 15.748   | 10.827   | 15.748   | 31.496   | 20.669   | 9.843    | 9.843    | 40.29                         | 8.4                            |
| Uponor PP-RCT Tee, Mechanical, 12" x 12" x 12", SDR 11   | PR11475120 | 19.783   | 19.783   | 13.583   | 19.783   | 39.567   | 25.984   | 12.402   | 12.402   | 50.69                         | 10.6                           |
| Uponor PP-RCT Tee, Mechanical, 8" x 8" x 8", SDR 11      | PR11475800 | 13.78    | 13.78    | 9.843    | 13.78    | 27.559   | 17.717   | 7.874    | 7.874    | 32.19                         | 6.69                           |
| Uponor PP-RCT Tee, Mechanical, 10" x 10" x 10", SDR 9    | PR9475100  | 15.748   | 15.748   | 10.827   | 15.748   | 31.496   | 20.669   | 9.843    | 9.843    | 38.19                         | 7.71                           |
| Uponor PP-RCT Tee, Mechanical, 12" x 12" x 12", SDR 9    | PR9475120  | 19.783   | 19.783   | 13.583   | 19.783   | 39.567   | 25.984   | 12.402   | 12.402   | 48.2                          | 9.09                           |

| Part name  | Part no.   | End Type 1 | End Type 2 | End Type 3 | Operating Temperature 1 [°F]     | Operating Temperature 2 [°F]      | Operating Temperature 3 [°F]     | Material group | Weight per UOM [lbs/UOM] |
|--|------------|------------|------------|------------|----------------------------------|-----------------------------------|----------------------------------|----------------|--------------------------|
| Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 11      | PR11475600 | Butt 6"    | Butt 6"    | 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) | -              | 11.39                    |
| Uponor PP-RCT Tee, Mechanical, 10" x 10" x 10", SDR 17.6 | PR17475100 | Butt 10"   | Butt 10"   | 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) | -              | 28.1                     |
| Uponor PP-RCT Tee, Mechanical, 12" x 12" x 12", SDR 17.6 | PR17475120 | 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) | -              | 48                       |
| Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 17.6    | PR17475600 | 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) | -              | 7.64                     |

|  |            |          |          |          |                                  | °C)                               | °C)                               |        |       |
|--|------------|----------|----------|----------|----------------------------------|-----------------------------------|-----------------------------------|--------|-------|
| Uponor PP-RCT Tee, Mechanical, 8" x 8" x 8", SDR 17.6  | PR17475800 | Butt 8"  | Butt 8"  | 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)  | -      | 13.95 |
| Uponor PP-RCT Tee, Mechanical, 6" x 6" x 6", SDR 9     | PR9475600  | 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) | PP-RCT | 13.76 |
| Uponor PP-RCT Tee, Mechanical, 8" x 8" x 8", SDR 9     | PR9475800  | Butt 8"  | Butt 8"  | 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) | -      | 25.15 |
| Uponor PP-RCT Tee, Mechanical, 10" x 10" x 10", SDR 11 | PR11475100 | Butt 10" | Butt 10" | 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)  | PP-RCT | 37.69 |
| Uponor PP-RCT Tee, Mechanical, 12" x 12" x 12", SDR 11 | PR11475120 | Butt 12" | Butt 12" | 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)  | PP-RCT | 75.14 |
| Uponor PP-RCT Tee, Mechanical, 8" x 8" x 8", SDR 11    | PR11475800 | Butt 8"  | Butt 8"  | 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)  | PP-RCT | 21.4  |
| Uponor PP-RCT Tee, Mechanical, 10" x 10" x 10", SDR 9  | PR9475100  | Butt 10" | Butt 10" | 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) | PP-RCT | 45.4  |
| Uponor PP-RCT Tee, Mechanical, 12" x 12" x 12", SDR 9  | PR9475120  | Butt 12" | Butt 12" | 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) | PP-RCT | 90.62 |

| Part name  | Part no. | Codes       | Standards                                   | Listings  |
|--|----------|-------------|---|---|
| Conectores en T fabricados de PP-RCT de Uponor (fusión a tope) | 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 |

| 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 |

| 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> |