

Uponor PP-RCT tees (socket fusion)

Project Information

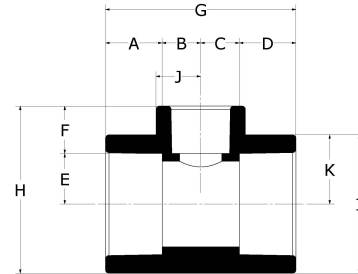
| | |
|--------------------------------|-----------------|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

Technical data

| | |
|-----------------------|---|
| Material | PP-RCT |
| Temp/pressure ratings | 73 °F (23 °C) at 340 psi (23.44 bar) 140 °F (60 °C) at 190 psi (13.1 bar) 180 °F (82 °C) at 100 psi (6.9 bar) |

Product Information and application use

Use Uponor PP-RCT 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] | I [inch] | J [inch] |
|--|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| Uponor PP-RCT Tee, 1" x 1" x 1 | PR4751000 | 0.728 | 0.709 | 0.709 | 0.728 | 0.669 | 0.728 | 2.874 | 2.283 | 1.772 | 0.886 |
| Uponor PP-RCT Tee, 1 1/4" x 1 1/4" x 1 1/4 | PR4751250 | 0.827 | 0.886 | 0.886 | 0.827 | 0.925 | 0.827 | 3.425 | 2.835 | 2.165 | 1.083 |
| Uponor PP-RCT Tee, 1 1/2" x 1 1/2" x 1 1/2 | PR4751500 | 0.945 | 1.122 | 1.122 | 0.945 | 1.102 | 0.945 | 4.134 | 3.386 | 2.677 | 1.339 |
| Uponor PP-RCT Tee, 2" x 2" x 2 | PR4752000 | 1.114 | 1.386 | 1.386 | 1.114 | 1.346 | 1.114 | 5 | 4.134 | 3.346 | 1.673 |
| Uponor PP-RCT Tee, 2 1/2" x 2 1/2" x 2 1/2 | PR4752500 | 1.22 | 1.535 | 1.535 | 1.22 | 1.535 | 1.22 | 5.512 | 4.724 | 3.937 | 1.969 |
| Uponor PP-RCT Tee, 3" x 3" x 3 | PR4753000 | 1.417 | 1.811 | 1.811 | 1.417 | 1.85 | 1.417 | 6.457 | 5.65 | 4.764 | 2.382 |
| Uponor PP-RCT Tee, 4" x 4" x 4 | PR4754000 | 1.575 | 2.49 | 2.49 | 1.575 | 2.49 | 1.575 | 8.13 | 7.337 | 6.543 | 3.272 |
| Uponor PP-RCT Tee, 1/2" x 1/2" x 1/2 | PR4755050 | 0.63 | 0.413 | 0.413 | 0.63 | 0.413 | 0.63 | 2.087 | 1.594 | 1.102 | 0.551 |
| Uponor PP-RCT Tee, 3/4" x 3/4" x 3/4 | PR4757575 | 0.709 | 0.512 | 0.512 | 0.709 | 0.512 | 0.709 | 2.441 | 1.89 | 1.339 | 0.669 |

| Part name | Part no. | K [inch] | Weight per UOM [lbs/UOM] | Equivalent length branch [ft] | Equivalent length through [ft] | End Type 1 | End Type 2 | End Type 3 |
|--|-----------|----------|--------------------------|-------------------------------|--------------------------------|---------------|---------------|---------------|
| Uponor PP-RCT Tee, 1" x 1" x 1 | PR4751000 | 0.886 | 0.16 | 4.2 | 0.9 | Socket 1" | Socket 1" | Socket 1" |
| Uponor PP-RCT Tee, 1 1/4" x 1 1/4" x 1 1/4 | PR4751250 | 1.083 | 0.27 | 5.2 | 1.1 | Socket 1-1/4" | Socket 1-1/4" | Socket 1-1/4" |
| Uponor PP-RCT Tee, 1 1/2" x 1 1/2" x 1 1/2 | PR4751500 | 1.339 | 0.49 | 6.6 | 1.4 | Socket 1-1/2" | Socket 1-1/2" | Socket 1-1/2" |
| Uponor PP-RCT Tee, 2" x 2" x 2 | PR4752000 | 1.673 | 0.92 | 8.3 | 1.7 | Socket 2" | Socket 2" | Socket 2" |
| Uponor PP-RCT Tee, 2 1/2" x 2 1/2" x 2 1/2 | PR4752500 | 1.969 | 1.33 | 9.8 | 2.1 | Socket 2-1/2" | Socket 2-1/2" | Socket 2-1/2" |
| Uponor PP-RCT Tee, 3" x 3" x 3 | PR4753000 | 2.382 | 2.29 | 11.8 | 2.5 | Socket 3" | Socket 3" | Socket 3" |
| Uponor PP-RCT Tee, 4" x 4" x 4 | PR4754000 | 3.272 | 5.04 | 20.1 | 4.2 | Socket 4" | Socket 4" | Socket 4" |
| Uponor PP-RCT Tee, 1/2" x 1/2" x 1/2 | PR4755050 | 0.551 | 0.05 | 2.6 | 0.5 | Socket 1/2" | Socket 1/2" | Socket 1/2" |
| Uponor PP-RCT Tee, 3/4" x 3/4" x 3/4 | PR4757575 | 0.669 | 0.07 | 3.3 | 0.7 | Socket 3/4" | Socket 3/4" | Socket 3/4" |

Installation

Use approved socket-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 | | |
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| - | <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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