

Uponor PP-RCT couplings

Project Information

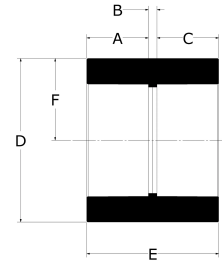
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|--------------------------------|-----------------|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

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 Couplings with Uponor PP-RCT Mechanical Pipe to convey fluid for hydronic heating and cooling or industrial applications and with Uponor PP-RCT Potable Pipe to convey water for potable plumbing applications.



| Part name | Part no. | A [inch] | B [inch] | C [inch] | D [inch] | E [inch] | F [inch] | Equivalent length through [ft] | End Type 1 | End Type 2 | Weight per UOM [lbs/UOM] |
|--|-----------|----------|----------|----------|----------|----------|----------|--------------------------------|---------------|---------------|--------------------------|
| Uponor PP-RCT Coupling, 1" x 1 | PR4771010 | 0.728 | 0.118 | 0.728 | 1.772 | 1.575 | 0.886 | 0.9 | Socket 1" | Socket 1" | 0.07 |
| Uponor PP-RCT Coupling, 1 1/4" x 1 1/4 | PR4771313 | 0.846 | 0.118 | 0.846 | 2.244 | 1.811 | 1.122 | 1.1 | Socket 1-1/4" | Socket 1-1/4" | 0.13 |
| Uponor PP-RCT Coupling, 1 1/2" x 1 1/2 | PR4771515 | 0.945 | 0.177 | 0.945 | 2.736 | 2.067 | 1.368 | 1.4 | Socket 1-1/2" | Socket 1-1/2" | 0.2 |
| Uponor PP-RCT Coupling, 2" x 2 | PR4772020 | 1.102 | 0.315 | 1.102 | 3.425 | 2.52 | 1.713 | 1.7 | Socket 2" | Socket 2" | 0.38 |
| Uponor PP-RCT Coupling, 3" x 3 | PR4773030 | 1.319 | 0.315 | 1.319 | 4.764 | 2.953 | 2.382 | 2.5 | Socket 3" | Socket 3" | 0.86 |
| Uponor PP-RCT Coupling, 4" x 4 | PR4774040 | 1.575 | 0.236 | 1.575 | 6.543 | 3.386 | 3.272 | 4.2 | Socket 4" | Socket 4" | 1.83 |
| Uponor PP-RCT Coupling, 1/2" x 1/2 | PR4775050 | 0.61 | 0.197 | 0.61 | 1.102 | 1.417 | 0.551 | 0.5 | Socket 1/2" | Socket 1/2" | 0.03 |
| Uponor PP-RCT Coupling, 3/4" x 3/4 | PR4777575 | 0.689 | 0.177 | 0.689 | 1.339 | 1.555 | 0.669 | 0.7 | Socket 3/4" | Socket 3/4" | 0.04 |
| Uponor PP-RCT Coupling, 2 1/2" x 2 1/2 | PR4772525 | 1.22 | 0.177 | 1.22 | 3.937 | 2.618 | 1.969 | 2.1 | Socket 2-1/2" | Socket 2-1/2" | 0.45 |

| Part name | Part no. | Codes | Standards | Listings |
|-------------------------|----------|-------------|---|---|
| Uponor PP-RCT couplings | All | CMC IMC UMC | NSF/ANSI/CAN 61 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

Use approved socket-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details.

Related applications

- Hydronic heating and cooling systems
- Industrial
- Domestic water systems

Footnotes

Contact information

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