

# Uponor PP-RCT couplings

## Project Information

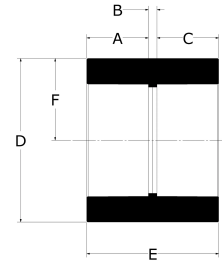
|                                |                 |
|--------------------------------|-----------------|
| Job name:                      | Location:       |
| Engineer:                      | Date submitted: |
| Contractor:                    | Submitted by:   |
| Manufacturer's representative: | Approved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

## Technical data

|                       |   |
|-----------------------|---|
| Material              | PP-RCT  |
| Temp/pressure ratings | 73 °F (23 °C) at 340 psi (23.44 bar)<br>140 °F (60 °C) at 190 psi (13.1 bar)<br>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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