

# Uponor PP-RCT brass unions (socket fusion)

## Project Information

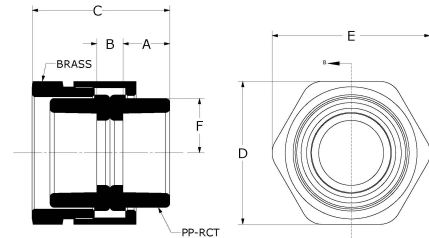
|                                |                 |
|--------------------------------|-----------------|
| Job name:                      | Location:       |
| Engineer:                      | Date submitted: |
| Contractor:                    | Submitted by:   |
| Manufacturer's representative: | Approved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

## Technical data

|                       |                                                                                                                     |
|-----------------------|---------------------------------------------------------------------------------------------------------------------|
| Material              | PP-RCT                                                                                                              |
| Temp/pressure ratings | 73 °F (23 °C) at 340 psi (23.44 bar)<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 brass unions with Uponor PP-RCT mechanical pipe to convey water for hydronic heating and cooling or industrial applications.



BRASS UNION  
(FOR SOCKET FUSION)

| Part name                        | Part no.  | A [Inch] | B [Inch] | C [Inch] | D [Inch] | E [Inch] | F [Inch] | End Type 1    | End Type 2    | Prop 65 label required? | Weight per UOM [lbs/UOM] |
|----------------------------------|-----------|----------|----------|----------|----------|----------|----------|---------------|---------------|-------------------------|--------------------------|
| Uponor PP-RCT Brass Union, 1/2   | PR4720500 | 0.571    | 0.433    | 1.811    | 1.474    | 1.609    | 0.524    | Socket 1/2"   | Socket 1/2"   | Yes                     | 0.36                     |
| Uponor PP-RCT Brass Union, 3/4   | PR4720750 | 0.63     | 0.394    | 1.969    | 1.772    | 1.973    | 0.644    | Socket 3/4"   | Socket 3/4"   | Yes                     | 0.52                     |
| Uponor PP-RCT Brass Union, 1     | PR4721000 | 0.709    | 0.394    | 2.087    | 2.205    | 2.447    | 0.825    | Socket 1"     | Socket 1"     | Yes                     | 0.78                     |
| Uponor PP-RCT Brass Union, 1 1/4 | PR4721250 | 0.807    | 0.394    | 2.283    | 2.756    | 3.061    | 1.024    | Socket 1-1/4" | Socket 1-1/4" | Yes                     | 1.37                     |
| Uponor PP-RCT Brass Union, 1 1/2 | PR4721500 | 0.925    | 0.394    | 2.5      | 3.346    | 3.742    | 1.297    | Socket 1-1/2" | Socket 1-1/2" | Yes                     | 2.01                     |
| Uponor PP-RCT Brass Union, 2     | PR4722000 | 1.102    | 0.402    | 2.811    | 4.134    | 4.65     | 1.652    | Socket 2"     | Socket 2"     | No                      | 3.29                     |

| Part name                                  | Part no. | Codes       | Standards                                   | Listings                                                |
|--------------------------------------------|----------|-------------|---------------------------------------------|---------------------------------------------------------|
| Uponor PP-RCT brass unions (socket fusion) | 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

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

## Related applications

Hydronic heating and cooling systems  
Industrial

## Footnotes

## Contact information

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