

# Uponor brass male threaded adapters

## Project Information

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

## Technical data

|                         |   |
|-------------------------|---|
| Material                | Brass   |
| 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) |
| Prop 65 label required? | Yes   |

## Product information and application use

Uponor brass male threaded adapters are shorter in length and do not have "wrench flats" on the brass insert. The female adapter is flush at the base, and the male brass insert features a smooth, machined surface.



| Part name  | Part no.  | A [inch] | B [inch] | C [inch] | D [inch] | E [inch] | F [inch] | G [inch] | H [inch] | I [inch] | Equivalent length through [ft] |
|--|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------------------------------|
| Uponor Brass Male Threaded Adapter, 1" PP-RCT x 1" NPT         | PR5521010 | 2.437    | 0.713    | 0.937    | 0.69     | 2.081    | 1.728    | 1.332    | 1.041    | 0.864    | 2.4                            |
| Uponor Brass Male Threaded Adapter, 1 1/4" PP-RCT x 1 1/4" NPT | PR5521313 | 2.835    | 0.807    | 1.22     | 0.71     | 2.756    | 2.146    | 1.676    | 1.378    | 1.073    | 3.1                            |
| Uponor Brass Male Threaded Adapter, 1 1/2" PP-RCT x 1 1/2" NPT | PR5521515 | 3.13     | 0.925    | 1.378    | 0.72     | 3.228    | 2.665    | 1.917    | 1.614    | 1.333    | 3.8                            |
| Uponor Brass Male Threaded Adapter, 2" PP-RCT x 2" NPT         | PR5522020 | 3.455    | 1.079    | 1.51     | 0.76     | 3.839    | 3.287    | 2.423    | 1.919    | 1.644    | 4.8                            |
| Uponor Brass Male Threaded Adapter, 1/2" PP-RCT x 1/2" NPT     | PR5525050 | 1.969    | 0.571    | 0.787    | 0.55     | 1.398    | 1.079    | 0.829    | 0.699    | 0.539    | 1.5                            |
| Uponor Brass Male Threaded Adapter, 3/4" PP-RCT x 3/4" NPT     | PR5527575 | 2.067    | 0.63     | 0.807    | 0.55     | 1.606    | 1.348    | 1.063    | 0.804    | 0.674    | 1.9                            |

| Part name  | Part no.  | End Type 1    | End Type 2  | Weight per UOM [lbs/UOM] |
|--|-----------|---------------|-------------|--------------------------|
| Uponor Brass Male Threaded Adapter, 1" PP-RCT x 1" NPT         | PR5521010 | Socket 1"     | MNPT 1"     | 0.44                     |
| Uponor Brass Male Threaded Adapter, 1 1/4" PP-RCT x 1 1/4" NPT | PR5521313 | Socket 1-1/4" | MNPT 1-1/4" | 0.74                     |
| Uponor Brass Male Threaded Adapter, 1 1/2" PP-RCT x 1 1/2" NPT | PR5521515 | Socket 1-1/2" | MNPT 1-1/2" | 0.9                      |
| Uponor Brass Male Threaded Adapter, 2" PP-RCT x 2" NPT         | PR5522020 | Socket 2"     | MNPT 2"     | 1.42                     |
| Uponor Brass Male Threaded Adapter, 1/2" PP-RCT x 1/2" NPT     | PR5525050 | Socket 1/2"   | MNPT 1/2"   | 0.16                     |
| Uponor Brass Male Threaded Adapter, 3/4" PP-RCT x 3/4" NPT     | PR5527575 | Socket 3/4"   | MNPT 3/4"   | 0.24                     |

| Part name                           | Part no. | Codes       | Standards                                   | Listings  |
|-------------------------------------|----------|-------------|---|---|
| Uponor brass male threaded adapters | 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 connection methods. Refer to the Uponor PP-RCT manual for complete details.

## Related applications

Hydronic heating and cooling systems  
Industrial

Uponor Inc.  
5925 148th Street West  
Apple Valley, MN 55124  
T 800.321.4739  
F 952.891.2008

Uponor Ltd.  
6510 Kennedy Road  
Mississauga, ON L5T 2X4  
T 888.594.7726  
F 800.638.9517

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