

Uponor lead-free (LF) brass female threaded adapters (socket fusion)



Project Information

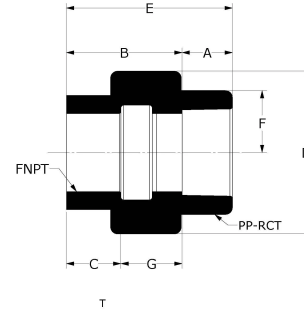
| | |
|--------------------------------|-----------------|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

Technical data

| | |
|-------------------------|--------|
| Material | PP-RCT |
| Prop 65 label required? | Yes |

Product information and application use

Use Uponor Lead-Free (LF) Brass Female Threaded Adapters for socket-fusion connections to Uponor PP-RCT Mechanical Pipe to convey fluid for hydronic heating and cooling or industrial applications and for socket-fusion connections to 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] | G [inch] | Equivalent length through [ft] | End Type 1 | End Type 2 |
|---|-----------|----------|----------|----------|----------|----------|----------|----------|--------------------------------|---------------|-------------|
| Uponor LF Brass Female Threaded Adapter, 1" PP-RCT x 1" NPT | PR4571010 | 0.713 | 1.039 | 0.69 | 2.307 | 1.752 | 0.856 | 0.349 | 1.7 | Socket 1" | FNPT 1" |
| Uponor LF Brass Female Threaded Adapter, 1" PP-RCT x 3/4" NPT | PR4571075 | 0.776 | 0.827 | 0.55 | 1.906 | 1.602 | 0.846 | 0.277 | 1.4 | Socket 1" | FNPT 3/4" |
| Uponor LF Brass Female Threaded Adapter, 1 1/4" PP-RCT x 1" NPT | PR4571310 | 0.835 | 1.008 | 0.69 | 2.756 | 1.843 | 1.083 | 0.318 | 1.7 | Socket 1-1/4" | FNPT 1" |
| Uponor LF Brass Female Threaded Adapter, 1 1/4" PP-RCT x 1 1/4" NPT | PR4571313 | 0.807 | 1.634 | 0.71 | 2.795 | 2.441 | 1.073 | 0.53 | 2.2 | Socket 1-1/4" | FNPT 1-1/4" |
| Uponor LF Brass Female Threaded Adapter, 1 1/2" PP-RCT x 1 1/2" NPT | PR4571515 | 0.925 | 1.378 | 0.72 | 3.228 | 2.303 | 1.333 | 0.658 | 2.7 | Socket 1-1/2" | FNPT 1-1/2" |
| Uponor LF Brass Female Threaded Adapter, 2" PP-RCT x 2" NPT | PR4572020 | 1.079 | 1.51 | 0.76 | 3.839 | 2.589 | 1.634 | 0.75 | 3.4 | Socket 2" | FNPT 2" |
| Uponor LF Brass Female Threaded Adapter, 1/2" PP-RCT x 1/2" NPT | PR4575050 | 0.571 | 0.905 | 0.54 | 1.417 | 1.476 | 0.537 | 0.365 | 1.1 | Socket 1/2" | FNPT 1/2" |
| Uponor LF Brass Female Threaded Adapter, 1/2" PP-RCT x 3/4" NPT | PR4575075 | 0.575 | 0.764 | 0.55 | 1.701 | 1.339 | 0.545 | 0.214 | 1.4 | Socket 1/2" | FNPT 3/4" |
| Uponor LF Brass Female Threaded Adapter, 3/4" PP-RCT x 1/2" NPT | PR4577550 | 0.63 | 0.827 | 0.54 | 1.374 | 1.457 | 0.677 | 0.287 | 1.1 | Socket 3/4" | FNPT 1/2" |
| Uponor LF Brass Female Threaded Adapter, 3/4" PP-RCT x 3/4" NPT | PR4577575 | 0.63 | 0.882 | 0.55 | 1.61 | 1.512 | 0.673 | 0.332 | 1.4 | Socket 3/4" | FNPT 3/4" |

| Part name | Part no. | Operating Temperature 1 [°F] | Operating Temperature 2 [°F] | Operating Temperature 3 [°F] | Weight per UOM [lbs/UOM] |
|---|-----------|----------------------------------|-----------------------------------|-----------------------------------|--------------------------|
| Uponor LF Brass Female Threaded Adapter, 1" PP-RCT x 1" NPT | PR4571010 | 73 °F (23 °C) at 270 psi (23 °C) | 120 °F (49 °C) at 176 psi (49 °C) | 180 °F (82 °C) at 120 psi (82 °C) | 0.32 |
| Uponor LF Brass Female Threaded Adapter, 1" PP-RCT x 3/4" NPT | PR4571075 | 73 °F (23 °C) at 340 psi (23 °C) | 140 °F (49 °C) at 190 psi (49 °C) | 180 °F (82 °C) at 100 psi (82 °C) | 0.19 |
| Uponor LF Brass Female Threaded Adapter, 1 1/4" PP-RCT x 1" NPT | PR4571310 | 73 °F (23 °C) at 340 psi (23 °C) | 140 °F (49 °C) at 190 psi (49 °C) | 180 °F (82 °C) at 100 psi (82 °C) | 0.4 |
| Uponor LF Brass Female Threaded Adapter, 1 1/4" PP-RCT x 1 1/4" NPT | PR4571313 | 73 °F (23 °C) at 270 psi (23 °C) | 120 °F (49 °C) at 176 psi (49 °C) | 180 °F (82 °C) at 120 psi (82 °C) | 0.54 |
| Uponor LF Brass Female Threaded Adapter, 1 1/2" PP-RCT x 1 1/2" NPT | PR4571515 | 73 °F (23 °C) at 270 psi (23 °C) | 120 °F (49 °C) at 176 psi (49 °C) | 180 °F (82 °C) at 120 psi (82 °C) | 0.81 |
| Uponor LF Brass Female Threaded Adapter, 2" PP-RCT x 2" NPT | PR4572020 | 73 °F (23 °C) at 270 psi (23 °C) | 120 °F (49 °C) at 176 psi (49 °C) | 180 °F (82 °C) at 120 psi (82 °C) | 1.11 |
| Uponor LF Brass Female Threaded Adapter, 1/2" PP-RCT x 1/2" NPT | PR4575050 | 73 °F (23 °C) at 270 psi (23 °C) | 120 °F (49 °C) at 176 psi (49 °C) | 180 °F (82 °C) at 120 psi (82 °C) | 0.11 |
| Uponor LF Brass Female Threaded Adapter, 1/2" PP-RCT x 3/4" NPT | PR4575075 | 73 °F (23 °C) at 270 psi (23 °C) | 120 °F (49 °C) at 176 psi (49 °C) | 180 °F (82 °C) at 120 psi (82 °C) | 0.15 |

| 3/4" NPT | | psi (23 °C) | psi (49 °C) | psi (82 °C) | |
|---|-----------|----------------------------------|-----------------------------------|-----------------------------------|------|
| Uponor LF Brass Female Threaded Adapter, 3/4" PP-RCT x 1/2" NPT | PR4577550 | 73 °F (23 °C) at 340 psi (23 °C) | 140 °F (49 °C) at 190 psi (49 °C) | 180 °F (82 °C) at 100 psi (82 °C) | 0.14 |
| Uponor LF Brass Female Threaded Adapter, 3/4" PP-RCT x 3/4" NPT | PR4577575 | 73 °F (23 °C) at 270 psi (23 °C) | 120 °F (49 °C) at 176 psi (49 °C) | 180 °F (82 °C) at 120 psi (82 °C) | 0.15 |

| Part name | Part no. | Codes | Standards | Listings |
|--|----------|-------------|---|---|
| Uponor lead-free (LF) brass female threaded adapters (socket fusion) | All | CMC IPC 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 | Related applications |
|--|--|
| Use approved socket-fusion connection methods. Refer to the Uponor PP-RCT manual for complete details. | Domestic water systems Hydronic heating and cooling systems Industrial |

| Footnotes | Contact information |
|-----------|---|
| - | <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> |