# ProPEX brass female threaded adapters

## Project information

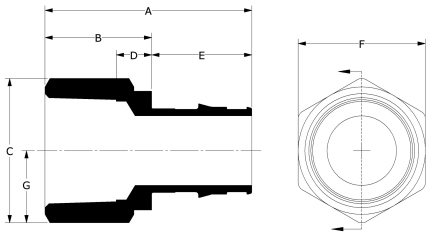
| | |
|---|---|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

## Technical data

| | |
|---|---|
| Material | Brass |
| Temp/pressure ratings | 73 °F (23 °C) at 160 psi (11 bar)<br>180 °F (82 °C) at 100 psi (6.9 bar)<br>200 °F (93 °C) at 80 psi (5.5 bar) |
| Prop 65 label required? | Yes |

## Product information and application use

ProPEX® brass female threaded adapters connect Uponor PEX pipe to female NPT threads. Use the adapters in hydronic heating and cooling systems. One end of the adapter is manufactured with the Uponor ProPEX fitting for connection to Wirsbo hePEX™ pipe; the other end is manufactured to adapt a male thread. These adapters are not safe for direct burial in soil. Note: Not for potable use.




| | Part name | Part no. | A [inch] | B [inch] | C [inch] | D [inch] | E [inch] | F [inch] | End Type 1 | End Type 2 | G [inch] | Cv |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ProPEX Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT | Q5575050 | 1.569 | 0.86 | 1.139 | 0.326 | 0.709 | 1.0 | ProPEX 1/2" | FNPT 1/2" | 0.57 | 4.8 |
| | ProPEX Brass Female Threaded Adapter, 5/8" PEX x 3/4" NPT | Q4576375 | 1.906 | 1.04 | 1.345 | 0.486 | 0.866 | 1.187 | ProPEX 5/8" | FNPT 3/4" | - | - |
| | ProPEX Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT | Q5577575 | 1.845 | 0.9 | 1.356 | 0.347 | 0.945 | 1.187 | ProPEX 3/4" | FNPT 3/4" | 0.678 | 12 |
| | ProPEX Brass Female Threaded Adapter, 3/4" PEX x 1" NPT | Q5577510 | 2.145 | 1.2 | 1.717 | 0.52 | 0.945 | 1.5 | ProPEX 3/4" | FNPT 1" | 0.858 | 10.8 |
| | ProPEX Brass Female Threaded Adapter, 1" PEX x 1" NPT | Q5571010 | 2.381 | 1.2 | 1.717 | 0.52 | 1.181 | 1.5 | ProPEX 1" | FNPT 1" | 0.858 | 19.7 |
| ✔ | ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT | Q5571313 | 2.57 | 1.125 | 2.294 | 0.415 | 1.445 | 2.0 | ProPEX 1-1/4" | FNPT 1-1/4" | 1.147 | 30.8 |
| | ProPEX Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT | Q5571515 | 2.854 | 1.15 | 2.583 | 0.42 | 1.704 | 2.25 | ProPEX 1-1/2" | FNPT 1-1/2" | 1.291 | 40.9 |
| | ProPEX Brass Female Threaded Adapter, 2" PEX x 2" NPT | Q5572020 | 3.547 | 1.4 | 3.449 | 0.703 | 2.147 | 3.0 | ProPEX 2" | FNPT 2" | 1.724 | 77.7 |

| | Part name | Part no. | Equivalent length through [ft] | Weight per UOM [lbs/UOM] |
|---|---|---|---|---|
| | ProPEX Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT | Q5575050 | 2.5 | 0.14 |
| | ProPEX Brass Female Threaded Adapter, 5/8" PEX x 3/4" NPT | Q4576375 | - | 0.2 |
| | ProPEX Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT | Q5577575 | 2.3 | 0.2 |
| | ProPEX Brass Female Threaded Adapter, 3/4" PEX x 1" NPT | Q5577510 | 3.6 | 0.4 |
| | ProPEX Brass Female Threaded Adapter, 1" PEX x 1" NPT | Q5571010 | 3.8 | 0.4 |
| ✔ | ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT | Q5571313 | 4.8 | 0.67 |
| | ProPEX Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT | Q5571515 | 5.1 | 1.2 |
| | ProPEX Brass Female Threaded Adapter, 2" PEX x 2" NPT | Q5572020 | 5.7 | 2.2 |

© 2026 Uponor North America. All Rights Reserved

| Part name | Part no. | Codes | Standards | Listings |
|---|---|---|---|---|
| ProPEX brass female threaded adapters | All | IMC\|IBC\|IRC\|NPC of Canada\|UMC | ASTM F1960\|CSA B137.5\|ASTM F877 | IAPMO-ES\|ICC-ES-PMG\|cNSFus-rfh |
| In addition, the following parts have additional codes, standards, or listings: | | | | |
| ProPEX Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT | Q5575050 | | NSF/ANSI 14 | |
| ProPEX Brass Female Threaded Adapter, 5/8" PEX x 3/4" NPT | Q4576375 | | NSF/ANSI 14 | |
| ProPEX Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT | Q5577575 | | NSF-14 | |
| ProPEX Brass Female Threaded Adapter, 3/4" PEX x 1" NPT | Q5577510 | | NSF-14 | |
| ProPEX Brass Female Threaded Adapter, 1" PEX x 1" NPT | Q5571010 | | NSF/ANSI 14 | |
| ProPEX Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT | Q5571313 | | NSF/ANSI 14 | |
| ProPEX Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT | Q5571515 | | NSF/ANSI 14 | |
| ProPEX Brass Female Threaded Adapter, 2" PEX x 2" NPT | Q5572020 | | NSF/ANSI 14 | |

## Installation

Use the appropriate ProPEX ring for Uponor PEX pipe (sold separately). Refer to the Uponor Radiant Installation Handbook, Complete Design Assistance Manual (CDAM), or Hydronic Piping Design Assistance Manual (HPDAM) for additional information.

## Related applications

Radiant Heating and Cooling Systems

Permafrost Protection Systems

Turf Conditioning Systems

Hydronic Piping Systems

## Footnotes

-

## Contact information

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

© 2026 Uponor North America. All Rights Reserved