

ProPEX lead-free (LF) brass female threaded adapters

Project information

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

Technical data

|                         |  |
|-------------------------|--|
| Material                | LF 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

The ProPEX® Lead-free Brass Female Threaded Adapter connects Uponor PEX-a tubing to female NPT threads. 1 Use these fittings in hot and cold domestic potable water systems, residential fire sprinkler systems or hydronic radiant heating and cooling systems. One end of the adapter is manufactured with the Uponor ProPEX fitting for connections to Wirsbo hePEX™ tubing or Uponor AquaPEX® tubing. The other end of the adapter connects to copper. These adapters are safe for direct burial in soil.

Note: Temperature and pressure ratings stated are hydrostatic ratings. For domestic hot-water (DHW) and DHW recirculation installations, operating conditions should not exceed 140°F (60°C) at 80 psi (5.5 bar) in accordance with ASTM F2023. For additional information regarding application-specific temperature and pressure ratings, refer to the Uponor PEX Piping Systems Design and Installation Manual.



| Part name  | Part no.  | A<br>[inch] | B<br>[inch] | C<br>[inch] | D<br>[inch] | E<br>[inch] | F<br>[inch] | G<br>[inch] | End<br>Type<br>1 | End<br>Type<br>2 | Weight<br>per UOM<br>[lbs/UOM] |
|--|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------------|------------------|--------------------------------|
| ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT     | LF4575075 | 1.629       | 0.92        | 1.371       | 0.367       | 0.709       | 1.187       | 0.685       | ProPEX 1/2"      | FNPT 3/4"        | 0.18                           |
| ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT     | LF4577575 | 1.865       | 0.92        | 1.371       | 0.366       | 0.945       | 1.187       | 0.685       | ProPEX 3/4"      | FNPT 3/4"        | 0.2                            |
| ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT         | LF4571010 | 2.441       | 1.26        | 1.732       | 0.419       | 1.181       | 1.5         | 0.866       | ProPEX 1"        | FNPT 1"          | 0.42                           |
| ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT | LF4571313 | 2.565       | 1.12        | 2.309       | 0.413       | 1.445       | 2.0         | 1.155       | ProPEX 1-1/4"    | FNPT 1-1/4"      | 0.73                           |
| ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT     | LF4575050 | 1.569       | 0.86        | 1.155       | 0.325       | 0.709       | 1.0         | 0.577       | ProPEX 1/2"      | FNPT 1/2"        | 0.14                           |
| ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 1" NPT       | LF4577510 | 2.205       | 1.26        | 1.732       | 0.599       | 0.945       | 1.5         | 0.866       | ProPEX 3/4"      | FNPT 1"          | 0.4                            |
| ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT | LF4571515 | 2.864       | 1.16        | 2.598       | 0.436       | 1.704       | 2.25        | 1.299       | ProPEX 1-1/2"    | FNPT 1-1/2"      | 0.95                           |
| ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT         | LF4572020 | 3.547       | 1.4         | 3.464       | 0.703       | 2.147       | 3.0         | 1.732       | ProPEX 2"        | FNPT 2"          | 2.23                           |

| Part name   | Part no.  | Codes                                      | Standards                                    | Listings                     |
|---|-----------|--|--|------------------------------|
| ProPEX lead-free (LF) brass female threaded adapters                            | All       | UPC IBC IRC IPC NPC of Canada UMC NSPC IMC | ASTM F877 ASTM F1960 CSA B137.5              | IAPMO-ES ICC-ES-PMG U.P.Code |
| In addition, the following parts have additional codes, standards, or listings: |           |  |  |                              |
| ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 3/4" NPT                    | LF4575075 |  | NSF/ANSI/CAN 372 NSF/ANSI/CAN 61 NSF/ANSI 14 | cNSFus-pw-G                  |
| ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 3/4" NPT                    | LF4577575 |  | NSF-372 UL 1821 NSF-61 NSF-14                | cNSFus-pw-fs-G               |
| ProPEX LF Brass Female Threaded Adapter, 1" PEX x 1" NPT                        | LF4571010 |  | NSF-372 UL 1821 NSF-61 NSF-14                | cNSFus-pw-fs-G               |
| ProPEX LF Brass Female Threaded Adapter, 1 1/4" PEX x 1 1/4" NPT                | LF4571313 |  | NSF-372 UL 1821 NSF-61 NSF-14                | cNSFus-pw-fs-G               |
| ProPEX LF Brass Female Threaded Adapter, 1/2" PEX x 1/2" NPT                    | LF4575050 |  | NSF-372 NSF-61 NSF-14                        | cNSFus-pw-G                  |
| ProPEX LF Brass Female Threaded Adapter, 3/4" PEX x 1" NPT                      | LF4577510 |  | NSF-372 NSF-61 NSF-14                        | cNSFus-pw-G                  |
| ProPEX LF Brass Female Threaded Adapter, 1 1/2" PEX x 1 1/2" NPT                | LF4571515 |  | NSF/ANSI/CAN 372 NSF/ANSI/CAN 61 NSF/ANSI 14 | cNSFus-pw-G                  |
| ProPEX LF Brass Female Threaded Adapter, 2" PEX x 2" NPT                        | LF4572020 |  | NSF/ANSI/CAN 372 NSF/ANSI/CAN 61 NSF/ANSI 14 | cNSFus-pw-G                  |

| Installation   | Related applications                |
|--|-------------------------------------|
| Use the appropriate ProPEX Ring for PEX-a tubing. Refer to the Uponor AquaPEX® Professional Plumbing Installation Guide, AquaSAFE™ Residential Fire Sprinkler Installation Guide or Uponor Radiant Installation Handbook for additional information. | PEX-a Plumbing Systems              |
|  | Radiant Heating and Cooling Systems |
|  | Permafrost Protection Systems       |
|  | Turf Conditioning Systems           |
|  | AquaSAFE™ Fire Safety Systems       |

| Footnotes | Contact information   |   |
|-----------|---|---|
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