

# ProPEX lead-free (LF) brass and brass coupling

## Project information

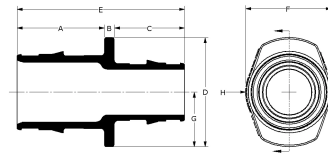
|                                |                 |
|--------------------------------|-----------------|
| Job name:                      | Location:       |
| Engineer:                      | Date submitted: |
| Contractor:                    | Submitted by:   |
| Manufacturer's representative: | Approved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

## Technical data

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

## Product information and application use

ProPEX® lead-free (LF) brass couplings are available for use in hot and cold domestic potable water and hydronic heating and cooling systems. The coupling features the Uponor ProPEX fitting for connections to Wirsbo hePEX™ tubing or Uponor AquaPEX® tubing. Couplings are safe for direct burial in soil.



| 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] | H<br>[inch] | Weight<br>per UOM<br>[lbs/UOM] | Material<br>group |
|-----------------------------------------------|-----------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------------------------|-------------------|
| ProPEX LF Brass Coupling, 1" PEX x 1" PEX     | LF4541010 | 1.181       | 0.125       | 1.181       | 1.38        | 2.487       | 1.38        | 0.69        | 0.69        | 0.2                            | -                 |
| ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX | LF4543850 | 0.709       | 0.125       | 0.591       | 0.74        | 1.425       | 0.74        | 0.37        | 0.37        | 0.05                           | -                 |
| ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX | LF4545050 | 0.709       | 0.125       | 0.709       | 0.79        | 1.543       | 0.79        | 0.395       | 0.395       | 0.07                           | -                 |
| ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX   | LF4547510 | 0.945       | 0.125       | 1.181       | 1.38        | 2.251       | 1.38        | 0.69        | 0.69        | 0.16                           | -                 |
| ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX | LF4547575 | 0.945       | 0.125       | 0.945       | 1.1         | 2.015       | 1.1         | 0.55        | 0.55        | 0.13                           | -                 |
| ProPEX Brass Coupling, 5/8" PEX x 5/8" PEX    | Q4546363  | 0.866       | 0.125       | 0.866       | 0.94        | 1.857       | 0.94        | 0.47        | 0.47        | 0.08                           | -                 |

| Part name                                     | Part no.  | End Type 1  | End Type 2  |
|-----------------------------------------------|-----------|-------------|-------------|
| ProPEX LF Brass Coupling, 1" PEX x 1" PEX     | LF4541010 | ProPEX 1"   | ProPEX 1"   |
| ProPEX LF Brass Coupling, 3/8" PEX x 1/2" PEX | LF4543850 | ProPEX 3/8" | ProPEX 1/2" |
| ProPEX LF Brass Coupling, 1/2" PEX x 1/2" PEX | LF4545050 | ProPEX 1/2" | ProPEX 1/2" |
| ProPEX LF Brass Coupling, 3/4" PEX x 1" PEX   | LF4547510 | ProPEX 3/4" | ProPEX 1"   |
| ProPEX LF Brass Coupling, 3/4" PEX x 3/4" PEX | LF4547575 | ProPEX 3/4" | ProPEX 3/4" |
| ProPEX Brass Coupling, 5/8" PEX x 5/8" PEX    | Q4546363  | ProPEX 5/8" | ProPEX 5/8" |

## Installation

ProPEX tools and ProPEX rings (sold separately) are required for connecting the PEX tubing. Use the appropriately sized Uponor ProPEX ring for tubing connections. For more information, refer to the Uponor AquaPEX professional plumbing installation guide, the Uponor AquaSAFETM residential fire sprinkler installation guide or the Uponor radiant floor heating installation handbook.

## Related applications

- PEX-a Plumbing Systems
- Uponor Residential Fire Safety Systems
- Radiant Heating and Cooling Systems
- Permafrost Protection Systems
- Turf Conditioning Systems

## Codes

IMC|IBC|IRC|NPC of Canada|UMC\*

## Standards

ASTM F1960|CSA B137.5|NSF-14|ASTM F877\*

## Listings

IAPMO-ES|ICC-ES-PMG|cNSFus-rfh\*

## Footnotes

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\* Some SKUs in this family have additional codes, standards, or listings. Please see [uponor.com](http://uponor.com) for complete information.

## Contact information

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