

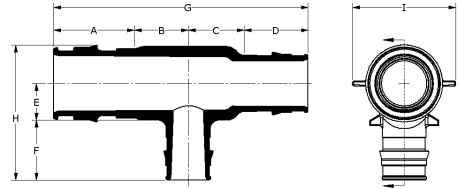
ProPEX lead-free (LF) brass tees

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) 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

Uponor's ProPEX® Lead-free Brass Tees are ideal for use in hot and cold domestic potable water systems.1 This product is approved for use in the AquaSAFE™ Residential Fire Safety System. Also approved for any hydronic heating system application. Each end of the ProPEX LF Brass Tee is manufactured with the Uponor ProPEX Fitting for connections to Wirsbo hePEXTM or Uponor AquaPEX® tubing. This product is 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 [inch] | B [inch] | C [inch] | D [inch] | E [inch] | F [inch] | G [inch] | H [inch] | I [inch] | Cv Through |
|---|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|
| ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX | LF4705050 | 0.709 | 0.55 | 0.55 | 0.709 | 0.3 | 0.709 | 2.517 | 1.316 | 0.85 | 7.3 |
| ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX | LF4707575 | 0.945 | 0.689 | 0.689 | 0.945 | 0.406 | 0.945 | 3.268 | 1.789 | 1.2 | 19.6 |
| ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX | LF4701010 | 1.181 | 0.865 | 0.865 | 1.181 | 0.559 | 1.181 | 4.092 | 2.295 | 1.46 | 35 |

| Part name | Part no. | Equivalent length branch [ft] | Equivalent length through [ft] | Cv Branch | End Type 1 | End Type 2 | End Type 3 | Weight per UOM [lbs/UOM] |
|---|-----------|-------------------------------|--------------------------------|-----------|-------------|-------------|-------------|--------------------------|
| ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX | LF4705050 | 5.12 | 1.15 | 3.7 | ProPEX 1/2" | ProPEX 1/2" | ProPEX 1/2" | 0.2 |
| ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX | LF4707575 | 4.91 | 0.8 | 9.4 | ProPEX 3/4" | ProPEX 3/4" | ProPEX 3/4" | 0.4 |
| ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX | LF4701010 | 5.92 | 0.83 | 16.2 | ProPEX 1" | ProPEX 1" | ProPEX 1" | 0.4 |

| Part name | Part no. | Codes | Standards | Listings |
|----------------------------------|----------|--|--|--------------------------------|
| ProPEX lead-free (LF) brass tees | All | UPC IBC IRC IPC NPC of Canada UMC NSPC IMC | NSF/ANSI/CAN 372 ASTM F877 ASTM F1960 CSA B137.5 NSF/ANSI/CAN 61 NSF/ANSI 14 | ICC-ES-PMG IAPMO 3558 U.P.Code |

In addition, the following parts have additional codes, standards, or listings:

| | | | | |
|---|-----------|--|---------|----------------|
| ProPEX LF Brass Tee, 1/2" PEX x 1/2" PEX x 1/2" PEX | LF4705050 | | | cNSFus-pw-G |
| ProPEX LF Brass Tee, 3/4" PEX x 3/4" PEX x 3/4" PEX | LF4707575 | | UL 1821 | cNSFus-pw-fs-G |
| ProPEX LF Brass Tee, 1" PEX x 1" PEX x 1" PEX | LF4701010 | | UL 1821 | cNSFus-pw-fs-G |

Installation

ProPEX Tool and ProPEX Rings (sold separately) are required for connecting the PEX tubing. Do not solder within 18 inches of the ProPEX connection. Refer to the AquaPEX Professional Plumbing Installation Guide, AquaSAFE Homeowner Handbook or Radiant Floor Heating Installation Handbook for additional information.

Related applications

PEX-a Plumbing Systems
Uponor Residential Fire Safety Systems
Radiant Heating and Cooling Systems

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
