

ProPEX lead-free (LF) brass copper press fitting 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) 180 °F (82 °C) at 100 psi (6.9 bar)

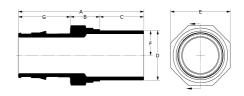
200 °F (93 °C) at 80 psi (5.5 bar)

Prop 65 label required? Yes

Product information and application use

Uponor ProPEX®1 lead-free (LF) brass copper press fitting adapters transition copper fittings to Uponor PEX. The adapters are approved for use in hot and cold potable water and hydronic heating and cooling systems.

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 [mm] | B [mm] | C [mm] | D [mm] | E [mm] | F [mm] | G [mm] | Cv | End Type 1 | End Type 2 |
|--|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------|------------------|---------------------------|
| ProPEX LF Brass Copper Press Fitting Adapter, 1/2" PEX x 1/2" Copper | LFP4505050 | 51.04 | 14.04 | 19 | 15.85 | 23 | 7.92 | 18 | 5.6 | ProPEX 1/2" | Copper Press 1/2" |
| ProPEX LF Brass Copper Press Fitting Adapter, 3/4" PEX x 3/4" Copper | LFP4507575 | 61.06 | 15.06 | 22 | 22.20 | 27.50 | 11.10 | 24 | 12.8 | ProPEX 3/4" | Copper Press 3/4" |
| ProPEX LF Brass Copper Press Fitting Adapter, 1" PEX x 1" Copper | LFP4501010 | 72.42 | 17.02 | 25.40 | 28.58 | 34.50 | 14.29 | 30 | 21.4 | ProPEX 1" | Copper Press 1" |
| ProPEX LF Brass Copper Press Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper | LFP4501313 | 83.54 | 19.53 | 27.31 | 34.90 | 41.50 | 17.45 | 36.70 | 31.5 | ProPEX 1-1/4" | Copper Press 1-1/4" |
| ProPEX LF Brass Copper Press Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper | LFP4501515 | 98.55 | 18.77 | 36.50 | 41.28 | 47 | 20.64 | 43.28 | 43.5 | ProPEX 1-1/2" | Copper Press 1-1/2" |
| ProPEX LF Brass Copper Press Fitting Adapter, 2" PEX x 2" Copper | LFP4502020 | 118.12 | 23.59 | 40 | 53.98 | 65 | 26.99 | 54.53 | 81.5 | ProPEX 2" | Copper Press 2" |
| ProPEX LF Brass Copper Press Fitting Adapter, 2 1/2" PEX x 2 1/2" Copper | LFP4502525 | 148.59 | 35.71 | 41 | 66.65 | 80 | 33.32 | 71.88 | 137 | ProPEX 2-1/2" | Copper Press 2-1/2" |
| ProPEX LF Brass Copper Press Fitting Adapter, 3" PEX x 3" Copper | LFP4503030 | 169.44 | 37.59 | 46 | 79.38 | 92 | 39.69 | 85.85 | 187.1 | ProPEX 3" | Copper Press 3" |

| Part name | Part no. | Weight per UOM [kg/UOM] |
|--|------------|-------------------------|
| ProPEX LF Brass Copper Press Fitting Adapter, 1/2" PEX x 1/2" Copper | LFP4505050 | 0.045 |
| ProPEX LF Brass Copper Press Fitting Adapter, 3/4" PEX x 3/4" Copper | LFP4507575 | 0.073 |
| ProPEX LF Brass Copper Press Fitting Adapter, 1" PEX x 1" Copper | LFP4501010 | 0.118 |
| ProPEX LF Brass Copper Press Fitting Adapter, 1 1/4" PEX x 1 1/4" Copper | LFP4501313 | 0.2 |
| ProPEX LF Brass Copper Press Fitting Adapter, 1 1/2" PEX x 1 1/2" Copper | LFP4501515 | 0.281 |
| ProPEX LF Brass Copper Press Fitting Adapter, 2" PEX x 2" Copper | LFP4502020 | 0.59 |
| ProPEX LF Brass Copper Press Fitting Adapter, 2 1/2" PEX x 2 1/2" Copper | LFP4502525 | 1.207 |

1.624

| Part name | Part no. | Codes | Standards | Listings |
|---|----------|--|--|--|
| ProPEX lead-free (LF) brass copper press fitting adapters | All | UPC IBC IRC IPC NPC of Canada UMC NSPC IMC | ASME B16.51 IAPMO PS 117 NSF- 372 ASTM F877 ICC-ES LC1002 ASTM F1960 CSA B137.5 NSF-61 NSF-14 | IAPMO-ES cNSFus-pw- G U.P.Code ICC-PMG-1412 |

| Installation | Related applications |
|--|--------------------------------------|
| Use ProPEX tool and ProPEX rings (sold separately) for connecting the PEX pipe. For more | PEX-a Plumbing Systems |
| information, refer to the Uponor Piping Pocket Guide. Follow press tool manufacturers' install | Hydronic heating and cooling systems |
| instructions for the male or female press end of the adapter. | Permafrost Protection Systems |

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