

# ProPEX lead-free (LF) brass groove fitting adapters

## Project Information

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

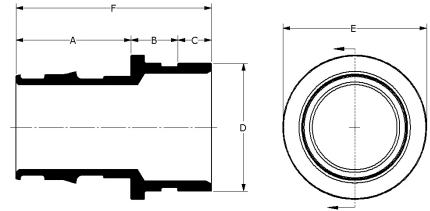
## Technical data

|                         |  |
|-------------------------|--|
| Material                | LF Brass   |
| Temp/pressure ratings   | 73 °F (23 °C) at 160 psi (11 bar)<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® lead-free (LF) brass copper tube size (CTS) roll-groove fitting adapters provide a direct connection to roll-groove connections designed to meet CSA B242-05. These fittings are CTS size on the roll-groove connection side.

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] | Cv    | Equivalent length through [ft] | End Type 1    |
|---|------------|----------|----------|----------|----------|----------|----------|----------|-------|--------------------------------|---------------|
| ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" CTS Groove         | LFV2962020 | 2.147    | 0.89     | 0.61     | 2.124    | 2.68     | 3.647    | 1.062    | 141.4 | 0.99                           | ProPEX 2"     |
| ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" CTS Groove     | LFV2962025 | 2.147    | 0.89     | 0.61     | 2.624    | 2.68     | 3.647    | 1.312    | 128.3 | 1.6                            | ProPEX 2"     |
| ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" CTS Groove | LFV2962525 | 2.83     | 0.89     | 0.61     | 2.624    | 3.36     | 4.33     | 1.312    | 222.7 | 1.52                           | ProPEX 2-1/2" |
| ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" CTS Groove         | LFV2963030 | 3.38     | 0.89     | 0.61     | 3.125    | 3.79     | 4.88     | 1.563    | 338.3 | 1.55                           | ProPEX 3"     |
| ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" IPS Groove         | LFV2972020 | 2.147    | 0.875    | 0.625    | 2.375    | 2.68     | 3.647    | 1.187    | 114.5 | 2.34                           | ProPEX 2"     |
| ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" IPS Groove     | LFV2972025 | 2.147    | 0.875    | 0.625    | 2.875    | 2.876    | 3.647    | 1.437    | 124   | 1.71                           | ProPEX 2"     |
| ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" IPS Groove | LFV2972525 | 2.83     | 0.875    | 0.625    | 2.875    | 3.36     | 4.33     | 1.437    | 202   | 7.63                           | ProPEX 2-1/2" |
| ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 3" IPS Groove     | LFV2972530 | 2.83     | 0.875    | 0.625    | 3.5      | 3.501    | 4.33     | 1.75     | 199.8 | 2.39                           | ProPEX 2-1/2" |
| ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" IPS Groove         | LFV2973030 | 3.38     | 0.875    | 0.625    | 3.5      | 3.79     | 4.88     | 1.75     | 282.4 | 2.77                           | ProPEX 3"     |

| Part name   | Part no.   | End Type 2        | Weight per UOM [lbs/UOM] |
|---|------------|-------------------|--------------------------|
| ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" CTS Groove         | LFV2962020 | CTS Groove 2"     | 1.12                     |
| ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" CTS Groove     | LFV2962025 | CTS Groove 2-1/2" | 1.24                     |
| ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" CTS Groove | LFV2962525 | CTS Groove 2-1/2" | 1.86                     |
| ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" CTS Groove         | LFV2963030 | CTS Groove 3"     | 2.66                     |
| ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2" IPS Groove         | LFV2972020 | IPS Groove 2"     | 1.2                      |
| ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" IPS Groove     | LFV2972025 | IPS Groove 2-1/2" | 1.38                     |
| ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" IPS Groove | LFV2972525 | IPS Groove 2-1/2" | 1.92                     |
| ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 3" IPS Groove     | LFV2972530 | IPS Groove 3"     | 2.18                     |
| ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" IPS Groove         | LFV2973030 | IPS Groove 3"     | 2.76                     |

| Part name   | Part no.   | Codes                                      | Standards  | Listings                                 |
|---|------------|--|--|--|
| ProPEX lead-free (LF) brass groove fitting adapters                             | All        | UPC IBC IRC IPC NPC of Canada UMC NSPC IMC | ASTM F877 NSF/ANSI/CAN 372 ASTM F1960 CSA B137.5 NSF/ANSI/CAN 61 NSF/ANSI 14 | IAPMO-ES ICC-ES-PMG cNSFus-pw-G U.P.Code |
| In addition, the following parts have additional codes, standards, or listings: |            |  |  |  |
| ProPEX LF Groove Fitting Adapter, 2" PEX LF Brass x 2 1/2" CTS Groove           | LFV2962025 |  |  |  |
| ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 2 1/2" CTS Groove       | LFV2962525 |  |  |  |
| ProPEX LF Groove Fitting Adapter, 3" PEX LF Brass x 3" CTS Groove               | LFV2963030 |  |  |  |
| ProPEX LF Groove Fitting Adapter, 2 1/2" PEX LF Brass x 3" IPS Groove           | LFV2972530 |  |  |  |

| Installation  | Related applications   |
|---|--|
| ProPEX tool and ProPEX rings (sold separately) are required for connecting the PEX tubing. For more information, refer to the Uponor AquaPEX® professional plumbing installation guide. For making roll-groove connections, follow the roll-groove fitting manufacturer's installation instructions | <ul style="list-style-type: none"> <li>PEX-a Plumbing Systems</li> <li>Hydronic Radiant Heating and Cooling Systems</li> <li>Permafrost Protection Systems</li> <li>Turf Conditioning Systems</li> </ul> |

### Notes

Cv = 141.4 when connecting Pex to Pex  
Cv Outlet 2 = 86.1 when transitioning from Metal to Pex

Cv = 128.3 when connecting Pex to Pex  
Cv Outlet 2 = 73.2 when transitioning from Metal to Pex

Cv = 222.7 when connecting Pex to Pex  
Cv Outlet 2 = 138.7 when transitioning Metal to Pex

Cv = 338.3 when connecting Pex to Pex  
Cv Outlet 2 = 192.3 when transitioning Metal to Pex

Cv = 114.5 when connecting Pex to Pex  
Cv Outlet 2 = 79.7 when transitioning Metal to Pex

Cv = 124.0 when connecting Pex to Pex  
Cv Outlet 2 = 71.6 when transitioning Metal to Pex

Cv = 202 when connecting Pex to Pex  
Cv Outlet 2 = 130.2 when transitioning Metal to Pex

Cv = 199.8 when connecting Pex to Pex  
Cv Outlet 2 = 114.9 when transitioning Metal to Pex

Cv = 282.4 when connecting Pex to Pex  
Cv Outlet 2 = 177.4 when transitioning from Metal to Pex

| Footnotes   | Contact information   |   |   |
|---|---|---|---|
| -   | <table> <tr> <td>Uponor Inc.<br/>5925 148th Street West<br/>Apple Valley, MN 55124<br/>T 800.321.4739<br/>F 952.891.2008</td> <td>Uponor Ltd.<br/>6510 Kennedy Road<br/>Mississauga, ON L5T 2X4<br/>T 888.594.7726<br/>F 800.638.9517</td> </tr> </table> | Uponor Inc.<br>5925 148th Street West<br>Apple Valley, MN 55124<br>T 800.321.4739<br>F 952.891.2008 | Uponor Ltd.<br>6510 Kennedy Road<br>Mississauga, ON L5T 2X4<br>T 888.594.7726<br>F 800.638.9517 |
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