

# ProPEX lead-free (LF) copper tub ells

## Project Information

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

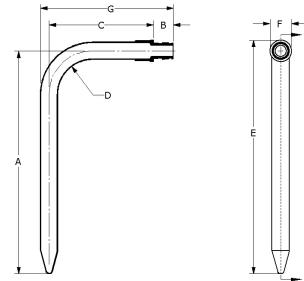
## Technical data

|                         |                                                                                                                |
|-------------------------|----------------------------------------------------------------------------------------------------------------|
| Material                | Copper                                                                                                         |
| Subcomponent Material   | LF Brass                                                                                                       |
|                         | Copper                                                                                                         |
| 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® Copper Tub Ell, 1/2" PEX Lead-free (LF) Brass x 1/2" Copper is available for use in hot and cold domestic potable water systems. The copper tub ell is comprised of 1/2" copper pipe with an Uponor ProPEX Fitting on one end and the other end open

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] | End Type 1  | Weight per UOM [lbs/UOM] |
|--------------------------------------------------------------------------|-----------|----------|----------|----------|----------|----------|----------|----------|-------------|--------------------------|
| ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (3 1/2" x 8") | LF2865050 | 7.987    | 0.709    | 3.749    | 3.084    | 8.372    | 0.77     | 4.77     | ProPEX 1/2" | 0.2                      |
| ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 6")      | LF2875050 | 2.989    | 0.709    | 5.279    | 1.542    | 3.374    | 0.77     | 6.3      | ProPEX 1/2" | 0.23                     |
| ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (13" x 8")    | LF2855050 | 7.987    | 0.709    | 12.299   | 3.084    | 8.372    | 0.77     | 13.32    | ProPEX 1/2" | 0.5                      |
| ProPEX LF Copper Tub Ell, 1/2" PEX LF Brass x 1/2" Copper (3" x 4")      | LF2885050 | 2.989    | 0.709    | 3.279    | 1.542    | 3.374    | 0.77     | 4.3      | ProPEX 1/2" | 0.2                      |
| ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (8" x 13")    | LF2895050 | 12.985   | 0.709    | 7.295    | 3.04     | 13.37    | 0.77     | 8.316    | ProPEX 1/2" | 0.48                     |
| ProPEX LF Copper Stub Ell, 3/4" PEX LF Brass x 3/4" Copper (4" x 8")     | LF2897575 | 8.002    | 0.945    | 4.057    | 3.959    | 8.552    | 1.1      | 5.44     | ProPEX 3/4" | 0.5                      |
| ProPEX LF Copper Stub Ell, 1" PEX x 1" Copper (13" x 8")                 | LF2891010 | 13       | 1.181    | 6.507    | 8        | 13.68    | 1.36     | 8.25     | ProPEX 1"   | 1.7                      |

| Part name                             | Part no. | Codes                                      | Standards                                                                    | Listings             |
|---------------------------------------|----------|--------------------------------------------|------------------------------------------------------------------------------|----------------------|
| ProPEX lead-free (LF) copper tub ells | 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 | IAPMO-ES HUD MR 1269 |

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

|                                                                          |           |
|--------------------------------------------------------------------------|-----------|
| ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (3 1/2" x 8") | LF2865050 |
| ProPEX LF Copper Stub Ell, 1/2" PEX LF Brass x 1/2" Copper (8" x 13")    | LF2895050 |
| ProPEX LF Copper Stub Ell, 3/4" PEX LF Brass x 3/4" Copper (4" x 8")     | LF2897575 |
| ProPEX LF Copper Stub Ell, 1" PEX x 1" Copper (13" x 8")                 | LF2891010 |

## Installation

Use compression fitting with a male national pipe thread (MNPT) adapter. Refer to the AquaPEX® Professional Plumbing Installation Guide for additional information.

## Related applications

- PEX-a Plumbing Systems
- Radiant Heating and Cooling Systems
- Permafrost Protection Systems
- Turf Conditioning Systems

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