

ProPEX lead-free (LF) brass to copper ball valves

Project information

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

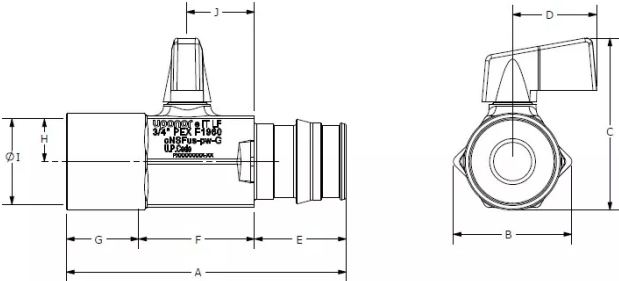
Technical data

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|-------------------------|--|
| Material | LF Brass |
| Cold working pressure | 200.2 psi |
| 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) 210 °F (99 °C) at 149 psi (10.3 bar) |
| Prop 65 label required? | Yes |

Product information and application use

Uponor ProPEX® lead-free (LF) brass ball valves transition brass to copper and feature inline isolation valves.¹ These valves are not compatible with applications using glycol.

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] | H [mm] | I [mm] | J [mm] |
|--|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| ProPEX LF Brass Ball Valve, 1/2" PEX x 1/2" Copper Adapter | LF4805050 | 53.30 | 24.25 | 38.20 | 22 | 18 | 22.50 | 12.80 | 7.99 | 15.97 | 13.70 |
| ProPEX LF Brass Ball Valve, 3/4" PEX x 3/4" Copper Adapter | LF4807575 | 73.20 | 31 | 44.93 | 22 | 24 | 30 | 19.20 | 11.16 | 22.32 | 17.60 |

| Part name | Part no. | K [mm] | Cv | End Type 1 | End Type 2 | Weight per UOM [kg/UOM] |
|--|-----------|--------|-----|-------------|------------|-------------------------|
| ProPEX LF Brass Ball Valve, 1/2" PEX x 1/2" Copper Adapter | LF4805050 | - | 3.9 | ProPEX 1/2" | Sweat 1/2" | 0.091 |
| ProPEX LF Brass Ball Valve, 3/4" PEX x 3/4" Copper Adapter | LF4807575 | - | 6.6 | ProPEX 3/4" | Sweat 3/4" | 0.1769 |

| Part name | Part no. | Codes | Standards | Listings |
|---|-----------|---------------------------|---|----------------------|
| ProPEX lead-free (LF) brass to copper ball valves | All | UPC IRC IPC NPC of Canada | NSF/ANSI/CAN 372 ASTM F877 NSF/ANSI 359 ASTM F1960 CSA B137.5 NSF/ANSI/CAN 61 NSF/ANSI 14 | cNSFus-pw-G U.P.Code |
| In addition, the following parts have additional codes, standards, or listings: | | | | |
| ProPEX LF Brass Ball Valve, 3/4" PEX x 3/4" Copper Adapter | LF4807575 | | | |

Installation

Install valve according to local building code. Do not dismantle. If soldering, aim flame away from the fitting. For more information, refer to the Uponor AquaPEX® Professional Plumbing Installation Guide or the Radiant Floor Heating Installation Handbook.

Related applications

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

Footnotes

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Contact information

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