# Válvulas de bola residenciales de bronce sin plomo (LF) ProPEX

## Project information

| | |
|---|---|
| Job name: | Location: |
| Engineer: | Fecha de envío: |
| Contractor: | Presentada por: |
| Manufacturer's representative: | Approved by: |

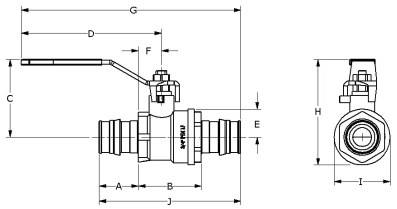
## Technical data

| | |
|---|---|
| Material | LF Brass |
| Temp/pressure ratings | 200 °F (93 °C) at 200 psi (13.8 bar) |
| Prop 65 label required? | Yes |

## Product information and application use

To help meet the stringent demands of residential plumbing and hydronic distribution projects, Uponor is offering new ProPEX® ASTM F1960 lead-free (LF) brass ball valves in sizes from ½" to 1". The full-port ball valves feature a chrome-plated ball.

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] | J [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ProPEX LF Brass Stop and Drain Ball Valve (full port), 1" PEX x 1" PEX | LFD4811010 | 1.181 | 1.65 | 2.043 | 4.503 | 0.689 | 0.846 | 6.487 | 2.731 | 2.134 | 4.012 |
| | ProPEX LF Brass Stop and Drain Ball Valve (full port), 1/2" PEX x 1/2" PEX | LFD4815050 | 0.709 | 1.24 | 1.44 | 3.361 | 0.394 | 0.63 | 4.68 | 1.834 | 1.459 | 2.657 |
| ✔ | ProPEX LF Brass Stop and Drain Ball Valve (full port), 3/4" PEX x 3/4" PEX | LFD4817575 | 0.945 | 1.398 | 1.621 | 2.784 | 0.531 | 0.65 | 4.976 | 2.153 | 1.839 | 3.287 |
| | ProPEX LF Brass Ball Valve (full port), 1" PEX x 1" PEX | LFR4811010 | 1.181 | 1.374 | 2.043 | 4.503 | 0.689 | 0.571 | 6.487 | 2.731 | 1.772 | 3.736 |
| | ProPEX LF Brass Ball Valve (full port), 1/2" PEX x 1/2" PEX | LFR4815050 | 0.709 | 1.004 | 1.44 | 3.361 | 0.394 | 0.394 | 4.68 | 1.834 | 1.012 | 2.421 |
| | ProPEX LF Brass Ball Valve (full port), 3/4" PEX x 3/4" PEX | LFR4817575 | 0.945 | 1.13 | 1.621 | 3.348 | 0.531 | 0.447 | 4.976 | 2.153 | 1.339 | 3.02 |

| | Part name | Part no. | Cv | End Type 1 | End Type 2 | Weight per UOM [lbs/UOM] |
|---|---|---|---|---|---|---|
| | ProPEX LF Brass Stop and Drain Ball Valve (full port), 1" PEX x 1" PEX | LFD4811010 | 25.2 | ProPEX 1" | ProPEX 1" | 0.78 |
| | ProPEX LF Brass Stop and Drain Ball Valve (full port), 1/2" PEX x 1/2" PEX | LFD4815050 | 5.7 | ProPEX 1/2" | ProPEX 1/2" | 0.3 |
| ✔ | ProPEX LF Brass Stop and Drain Ball Valve (full port), 3/4" PEX x 3/4" PEX | LFD4817575 | 11.1 | ProPEX 3/4" | ProPEX 3/4" | 0.45 |
| | ProPEX LF Brass Ball Valve (full port), 1" PEX x 1" PEX | LFR4811010 | 21.8 | ProPEX 1" | ProPEX 1" | 0.67 |
| | ProPEX LF Brass Ball Valve (full port), 1/2" PEX x 1/2" PEX | LFR4815050 | 4.6 | ProPEX 1/2" | ProPEX 1/2" | 0.26 |
| | ProPEX LF Brass Ball Valve (full port), 3/4" PEX x 3/4" PEX | LFR4817575 | 10.1 | ProPEX 3/4" | ProPEX 3/4" | 0.39 |

| Part name | Part no. | Codes | Standards | Listings |
|---|---|---|---|---|
| Válvulas de bola residenciales de bronce sin plomo (LF) ProPEX | All | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|IMC | 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 Stop and Drain Ball Valve (full port), 1/2" PEX x 1/2" PEX | LFD4815050 | | | |
| ProPEX LF Brass Stop and Drain Ball Valve (full port), 3/4" PEX x 3/4" PEX | LFD4817575 | | | |
| ProPEX LF Brass Ball Valve (full port), 1" PEX x 1" PEX | LFR4811010 | | | |
| ProPEX LF Brass Ball Valve (full port), 1/2" PEX x 1/2" PEX | LFR4815050 | | | |

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| Installation | Related applications |
| --- | --- |
| Install valve and stem extension kit according to local building code. Do not dismantle. Refer to the Uponor Piping Pocket Guide or the Uponor Plumbing Design Assistance Manual (PDAM) for additional information. | Hot water distribution<br>Hydronic heating and cooling systems<br>Hydronic Piping Systems<br>Hydronic Radiant Heating and Cooling Systems<br>PEX-a Plumbing Systems<br>Plumbing Systems<br>Pre-Insulated Pipe Systems<br>Radiant Heating and Cooling Systems |

| Footnotes | Contact information | |
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