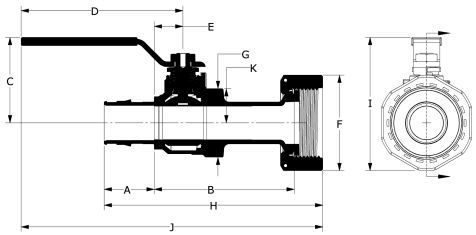
# ProPEX lead-free (LF) brass water meter valves

## Project information

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

## Technical data

| | |
|---|---|
| Material | LF Brass |
| Subcomponent Material | Valve: C27453 lead-free (LF) brass per ASTM B283/B283M<br>Metal nut: UNS CW614 per ASTM B16/B16M<br>EP nut: Polypropylene GF30 black<br>Gasket: EPDM |
| 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

Use Uponor ProPEX® lead-free (LF) brass water meter service valves in all commercial submetering and residential water service inlets, outlets or both. The valves allow for a direct ASTM F1960 connection to water meters sized $^{5}/_{8}$" to 1". Valve is sized for $^{3}/_{4}$" or 1" Uponor AquaPEX® tubing. Product handle material is stainless steel.

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 Straight Water Meter Valve, 3/4" PEX x 1" NPSM | WS4820750 | 0.945 | 2.957 | 1.551 | 2.992 | 0.591 | 1.9 | 1.299 | 4.278 | 2.501 | 5.734 |
| | ProPEX LF Brass Straight Water Meter Valve, 1" PEX x 1 1/4" NPSM | WS4821000 | 1.181 | 3.302 | 2.015 | 3.819 | 0.677 | 2.25 | 1.614 | 5.158 | 3.139 | 7.119 |
| | ProPEX LF Brass Elbow Water Meter Valve, 3/4" PEX x 1" NPSM | WS4820751 | 0.945 | 2.249 | 1.551 | 2.992 | 0.781 | 1.9 | 1.299 | 0.65 | 3.277 | 5.735 |
| ✔ | ProPEX LF Brass Elbow Water Meter Valve, 1" PEX x 1 1/4" NPSM | WS4821001 | 1.181 | 2.625 | 2.015 | 3.819 | 0.827 | 2.25 | 1.614 | 0.807 | 4.022 | 7.119 |

| | Part name | Part no. | K [inch] | Cv | End Type 1 | End Type 2 | Operating temperature min. [°F] | Weight per UOM [lbs/UOM] |
|---|---|---|---|---|---|---|---|---|
| | ProPEX LF Brass Straight Water Meter Valve, 3/4" PEX x 1" NPSM | WS4820750 | 0.65 | 10.9 | ProPEX 3/4" | NPSM 1" | -29 | 0.76 |
| | ProPEX LF Brass Straight Water Meter Valve, 1" PEX x 1 1/4" NPSM | WS4821000 | 0.807 | 18.7 | ProPEX 1" | NPSM 1-1/4" | -29 | 1.22 |
| | ProPEX LF Brass Elbow Water Meter Valve, 3/4" PEX x 1" NPSM | WS4820751 | 0.65 | 4.9 | ProPEX 3/4" | NPSM 1" | -29 | 0.76 |
| ✔ | ProPEX LF Brass Elbow Water Meter Valve, 1" PEX x 1 1/4" NPSM | WS4821001 | 0.807 | 9.7 | ProPEX 1" | NPSM 1-1/4" | - | 1.24 |

| Part name | Part no. | Codes | Standards | Listings |
|---|---|---|---|---|
| ProPEX lead-free (LF) brass water meter valves | All | UPC\|IBC\|IRC\|IPC\|NPC of Canada\|UMC\|NSPC\|IMC | ASTM F877\|NSF/ANSI/CAN 372\|NSF/ANSI 359\|ASTM F1960\|CSA B137.5\|NSF/ANSI/CAN 61\|NSF/ANSI 14 | HUD MR 1269\|cNSFus-pw-G\|U.P.Code |
| In addition, the following parts have additional codes, standards, or listings: | | | | |
| ProPEX LF Brass Straight Water Meter Valve, 1" PEX x 1 1/4" NPSM | WS4821000 | | | |
| ProPEX LF Brass Elbow Water Meter Valve, 1" PEX x 1 1/4" NPSM | WS4821001 | | | |

## Installation

ProPEX tool and ProPEX rings (sold separately) are required for connecting the PEX tubing. For more information, refer to the Uponor Residential Plumbing Systems Installation Guide or the Uponor Piping Systems Installation Guide.

## Related applications

PEX-a Plumbing Systems

© 2026 Uponor North America. All Rights Reserved

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

© 2026 Uponor North America. All Rights Reserved