

# Lead-free (LF) brass compression straight stop valves

## Project Information

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

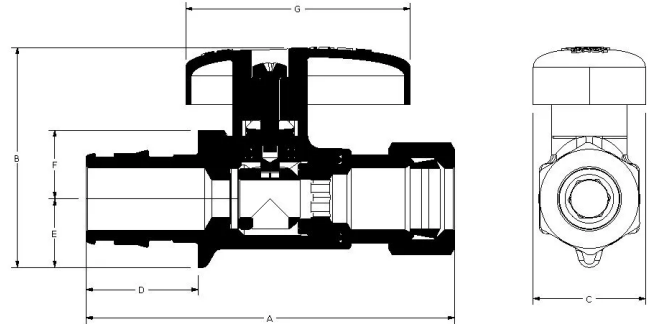
## Technical data

|                         |                                     |
|-------------------------|-------------------------------------|
| End type 1              | Compression 1/2"                    |
| End type 2              | Compression 3/8"                    |
|                         | 180 °F (82 °C) at 100 psi (6.9 bar) |
|                         | 200 °F (93 °C) at 80 psi (5.5 bar)  |
| Prop 65 label required? | Yes                                 |

## Product information and application use

Uponor offers lead-free (LF) brass compression stop valves for use in all plumbing applications. Compression straight stop valves enable a direct connection and the compression angle stop valves enable a 90-degree turn. For point-of-use shut-off at the fixture, both valves connect 1/2" Uponor AquaPEX® tubing to 3/8" outside diameter (O.D.) risers. Compression inserts and rings are included for the LF compression angle and LF straight stop valves.

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] | Material group  | Operating Temperature 1 [°F]      | Weight per UOM [lbs/UOM] |
|---|-----------|----------|----------|----------|----------|----------|----------|----------|-----------------|-----------------------------------|--------------------------|
| 1/2" Compression Ring (brass)                         | F4440500  | 0.712    | 0.712    | 0.38     | -        | -        | -        | -        | -               | 73 °F (23 °C) at 160 psi (23 °C)  | -                        |
| 1/2" Insert (stainless steel)                         | F5400500  | 1        | 0.61     | 0.61     | -        | -        | -        | -        | Stainless Steel | 73 °F (23 °C) at 160 psi (23 °C)  | 0.01                     |
| LF Brass Compression Straight Stop Valve for 1/2" PEX | LF4420500 | 5.437    | 1.446    | 0.937    | 0.571    | 0.541    | 0.541    | 1.421    | LF Brass        | 194 °F (23 °C) at 145 psi (23 °C) | 0.25                     |

| Part name | Part no. | Codes | Standards | Listings |
|-----------|----------|-------|-----------|----------|
|-----------|----------|-------|-----------|----------|

|   |     |   |   |   |
|---|-----|---|---|---|
| Lead-free (LF) brass compression straight stop valves | All | - | - | - |
|---|-----|---|---|---|

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

|   |           |  |   |                      |
|---|-----------|--|---|----------------------|
| LF Brass Compression Straight Stop Valve for 1/2" PEX | LF4420500 | UPC IBC IRC IPC NPC of Canada UMC NSPC IMC | NSF-372 ASME A112.18.1 ASTM F877 CSA B125 ASTM F1960 CSA B137.5 NSF-61 NSF-14 | cNSFus-pw-G U.P.Code |
|---|-----------|--|---|----------------------|

## Installation

Install valves according to local building code. Use only the stainless steel inserts supplied by Uponor with these compression stop valves. Substitution can result in valve connection failure. Do not dismantle. Refer to the Uponor Professional Plumbing Installation Guide for additional information.

## Related applications

PEX-a Plumbing Systems

## Footnotes

## Contact information

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