# ProPEX® LF Brass Schedule 80 Corzan® CPVC Adapters

## Project information

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

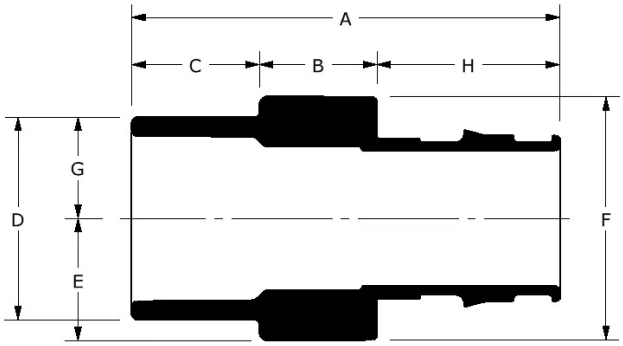
## Technical data

| | |
|---|---|
| Material | LF Brass |
| Subcomponent Material | Body: LF Brass, CPVC<br>O-ring: EPDM |
| Temp/pressure ratings | 73 °F (23 °C) at 160 psi (11 bar)<br>180 °F (82 °C) at 100 psi (6.9 bar) |
| Prop 65 label required? | Yes |

## Product information and application use

Use Uponor ChlorFIT® Schedule 80 Corzan® CPVC Transition Fittings in hot and cold potable-water systems as well as hydronic heating and cooling applications.

*Corzan® is a registered trademark of Lubrizol Advanced Materials, Inc.*




| | Part name | Part no. | A [inch] | B [inch] | C [inch] | D [inch] | E [inch] | F [inch] | G [inch] | H [inch] | End Type 1 | End Type 2 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ProPEX LF Brass x CPVC Spigot Adapter, 1" PEX x 1" CPVC (IPS Sch 80) | CP8501010 | 0.133 | 1.06 | 1.125 | 1.315 | 0.88 | 1.76 | 0.657 | 0.046 | ProPEX 1" | CPVC 1" |
| | ProPEX LF Brass x CPVC Spigot Adapter, 1-1/4" PEX x 1-1/4" CPVC (IPS Sch 80) | CP8501313 | 3.825 | 1.13 | 1.25 | 1.66 | 1.055 | 2.1 | 0.83 | 1.445 | ProPEX 1-1/4" | CPVC 1-1/4" |
| | ProPEX LF Brass x CPVC Spigot Adapter, 1-1/2" PEX x 1-1/2" CPVC (IPS Sch 80) | CP8501515 | 4.239 | 1.16 | 1.375 | 1.9 | 1.2 | 2.35 | 0.95 | 1.704 | ProPEX 1-1/2" | CPVC 1-1/2" |
| | ProPEX LF Brass x CPVC Spigot Adapter, 2" PEX x 2" CPVC (IPS Sch 80) | CP8502020 | 5.027 | 1.38 | 1.5 | 2.375 | 1.434 | 2.868 | 1.187 | 2.147 | ProPEX 2" | CPVC 2" |
| | ProPEX LF Brass x CPVC Spigot Adapter, 2-1/2" PEX x 2-1/2" CPVC (IPS Sch 80) | CP8502525 | 6.33 | 1.75 | 1.75 | 2.875 | 1.725 | 3.45 | 1.437 | 2.83 | ProPEX 2-1/2" | CPVC 2-1/2" |
| | ProPEX LF Brass x CPVC Spigot Adapter, 3" PEX x 3" CPVC (IPS Sch 80) | CP8503030 | 7.005 | 1.75 | 1.875 | 3.5 | 2.075 | 4.15 | 1.75 | 3.38 | ProPEX 3" | CPVC 3" |
| | ProPEX LF Brass x CPVC Spigot Adapter, 1/2" PEX x 1/2" CPVC (IPS Sch 80) | CP8505050 | 2.544 | 0.96 | 0.875 | 0.84 | 0.622 | 1.245 | 0.42 | 0.709 | ProPEX 1/2" | CPVC 1/2" |
| | ProPEX LF Brass x CPVC Spigot Adapter, 3/4" PEX x 3/4" CPVC (IPS Sch 80) | CP8507575 | 3.005 | 1.06 | 1 | 1.05 | 0.739 | 1.479 | 0.525 | 0.945 | ProPEX 3/4" | CPVC 3/4" |
| | ProPEX LF Brass x CPVC Socket Adapter, 1" PEX x 1" CPVC (IPS Sch 80) | CP8511010 | 0.133 | 1.06 | 1.125 | 1.325 | 0.842 | 1.72 | 0.662 | 0.046 | ProPEX 1" | CPVC 1" |
| ✔ | ProPEX LF Brass x CPVC Socket Adapter, 1-1/4" PEX x 1-1/4" CPVC (IPS Sch 80) | CP8511313 | 3.825 | 1.13 | 1.25 | 1.671 | 1.026 | 2.093 | 0.835 | 1.445 | ProPEX 1-1/4" | CPVC 1-1/4" |
| | ProPEX LF Brass x CPVC Socket Adapter, 1-1/2" PEX x 1-1/2" CPVC (IPS Sch 80) | CP8511515 | 4.239 | 1.16 | 1.375 | 1.913 | 1.156 | 2.356 | 0.956 | 1.704 | ProPEX 1-1/2" | CPVC 1-1/2" |
| | ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (IPS Sch 80) | CP8512020 | 5.027 | 1.38 | 1.5 | 2.388 | 1.412 | 2.872 | 1.193 | 2.147 | ProPEX 2" | CPVC 2" |
| | ProPEX LF Brass x CPVC Socket Adapter, 2-1/2" PEX x 2-1/2" CPVC (IPS Sch 80) | CP8512525 | 6.33 | 1.75 | 1.75 | 2.89 | 1.721 | 3.501 | 1.444 | 2.83 | ProPEX 2-1/2" | CPVC 2-1/2" |
| | ProPEX LF Brass x CPVC Socket Adapter, 3" PEX x 3" CPVC (IPS Sch 80) | CP8513030 | 7.005 | 1.75 | 1.875 | 3.516 | 2.058 | 4.178 | 1.757 | 3.38 | ProPEX 3" | CPVC 3" |
| | ProPEX LF Brass x CPVC Socket Adapter, 1/2" PEX x 1/2" CPVC (IPS Sch 80) | CP8515050 | 2.544 | 0.96 | 0.875 | 0.848 | 0.571 | 1.23 | 0.424 | 0.709 | ProPEX 1/2" | CPVC 1/2" |
| | ProPEX LF Brass x CPVC Socket Adapter, 3/4" PEX x 3/4" CPVC (IPS Sch 80) | CP8517575 | 3.005 | 1.06 | 1 | 1.058 | 0.683 | 1.461 | 0.529 | 0.945 | ProPEX 3/4" | CPVC 3/4" |

| Part name | Part no. | Weight per UOM [lbs/UOM] |
|---|---|---|
| ProPEX LF Brass x CPVC Spigot Adapter, 1" PEX x 1" CPVC (IPS Sch 80) | CP8501010 | 0.37 |
| ProPEX LF Brass x CPVC Spigot Adapter, 1-1/4" PEX x 1-1/4" CPVC (IPS Sch 80) | CP8501313 | 0.62 |
| ProPEX LF Brass x CPVC Spigot Adapter, 1-1/2" PEX x 1- | CP8501515 | 0.77 |

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|---|---|---|---|
| | 1/2" CPVC (IPS Sch 80) | | |
| | ProPEX LF Brass x CPVC Spigot Adapter, 2" PEX x 2" CPVC (IPS Sch 80) | CP8502020 | 1.39 |
| | ProPEX LF Brass x CPVC Spigot Adapter, 2-1/2" PEX x 2-1/2" CPVC (IPS Sch 80) | CP8502525 | 2.51 |
| | ProPEX LF Brass x CPVC Spigot Adapter, 3" PEX x 3" CPVC (IPS Sch 80) | CP8503030 | 3.7 |
| | ProPEX LF Brass x CPVC Spigot Adapter, 1/2" PEX x 1/2" CPVC (IPS Sch 80) | CP8505050 | 0.18 |
| | ProPEX LF Brass x CPVC Spigot Adapter, 3/4" PEX x 3/4" CPVC (IPS Sch 80) | CP8507575 | 0.26 |
| | ProPEX LF Brass x CPVC Socket Adapter, 1" PEX x 1" CPVC (IPS Sch 80) | CP8511010 | 0.38 |
| ✔ | ProPEX LF Brass x CPVC Socket Adapter, 1-1/4" PEX x 1-1/4" CPVC (IPS Sch 80) | CP8511313 | 0.64 |
| | ProPEX LF Brass x CPVC Socket Adapter, 1-1/2" PEX x 1-1/2" CPVC (IPS Sch 80) | CP8511515 | 0.79 |
| | ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (IPS Sch 80) | CP8512020 | 1.41 |
| | ProPEX LF Brass x CPVC Socket Adapter, 2-1/2" PEX x 2-1/2" CPVC (IPS Sch 80) | CP8512525 | 2.58 |
| | ProPEX LF Brass x CPVC Socket Adapter, 3" PEX x 3" CPVC (IPS Sch 80) | CP8513030 | 3.79 |
| | ProPEX LF Brass x CPVC Socket Adapter, 1/2" PEX x 1/2" CPVC (IPS Sch 80) | CP8515050 | 0.18 |
| | ProPEX LF Brass x CPVC Socket Adapter, 3/4" PEX x 3/4" CPVC (IPS Sch 80) | CP8517575 | 0.26 |

| Part name | Part no. | Codes | Standards | Listings |
|---|---|---|---|---|
| ProPEX® LF Brass Schedule 80 Corzan® CPVC Adapters | All | UPC\|IMC\|IPC\|IBC\|IRC\|UMC\|NSPC\|NPC of Canada | ASTM F1960\|CSA B137.5\|NSF/ANSI 14\|NSF/ANSI/CAN 61\|NSF/ANSI/CAN 372\|ASTM F877\|ASTM F1970\|ASTM F439\|ASTM F441 | cQAIus P321\|U.P.Code\|cNSFus-pw-G |

| Installation | Related applications |
|---|---|
| Make connections via solvent welding using primer and solvent cement designed specifically for Schedule 80 CPVC pipe and fittings. Refer to the Uponor ChlorFIT Manual or Uponor ChlorFIT Solvent Welding Instruction Sheet for complete details. | Domestic water<br>Hydronic piping |

| Footnotes | Contact information | |
|---|---|---|
| - | Uponor Inc.<br>5925 148th Street West<br>Apple Valley, MN 55124<br>T 800.321.4739 | Uponor Ltd.<br>6510 Kennedy Road<br>Mississauga, ON L5T 2X4<br>T 888.594.7726 |

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