

ChlorFIT Transition Fittings

Project Information

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

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.



| Part name | Part no. | A [inch] | B [inch] | C [inch] | D [inch] | E [inch] | F [inch] | G [inch] | H [inch] | Material group | Subcomponent Material |
|--|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------------|--------------------------------------|
| ProPEX LF Brass x CPVC Spigot Adapter, 1" PEX x 1" CPVC (IPS Sch 80) | CP8501010 | - | - | - | - | - | - | - | - | - | - |
| ProPEX LF Brass x CPVC Spigot Adapter, 1-1/4" PEX x 1-1/4" CPVC (IPS Sch 80) | CP8501313 | - | - | - | - | - | - | - | - | - | - |
| 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 | LF Brass | Body: LF Brass, CPVC O-ring: EPDM |
| 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 | LF Brass | Body: LF Brass, CPVC O-ring: EPDM |
| 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 | LF Brass | Body: LF Brass, CPVC O-ring: EPDM |
| 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 | LF Brass | Body: LF Brass, CPVC O-ring: EPDM |
| 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 | LF Brass | Body: LF Brass, CPVC O-ring: EPDM |
| 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 | LF Brass | Body: LF Brass, CPVC O-ring: EPDM |
| ProPEX LF Brass x CPVC Socket Adapter, 1" PEX x 1" CPVC (IPS Sch 80) | CP8511010 | - | - | - | - | - | - | - | - | - | - |
| ProPEX LF Brass x CPVC Socket Adapter, 1-1/4" PEX x 1-1/4" CPVC (IPS Sch 80) | CP8511313 | - | - | - | - | - | - | - | - | - | - |
| 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 | LF Brass | Body: LF Brass, CPVC O-ring: EPDM |
| 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 | LF Brass | Body: LF Brass, CPVC O-ring: EPDM |
| 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 | LF Brass | Body: LF Brass, CPVC O-ring: EPDM |
| 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 | LF Brass | Body: LF Brass, CPVC O-ring: EPDM |
| 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 | LF Brass | Body: LF Brass, CPVC O-ring: EPDM |
| 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 | LF Brass | Body: LF Brass. |

| Part name | Part no. | End Type 1 | End Type 2 | Operating Temperature 1 [°F] | Operating Temperature 2 [°F] | Operating Temperature 3 [°F] | Weight per UOM [lbs/UOM] |
|--|-----------|---------------|-------------|------------------------------|------------------------------|------------------------------|--------------------------|
| ProPEX LF Brass x CPVC Spigot Adapter, 1" PEX x 1" CPVC (IPS Sch 80) | CP8501010 | - | - | - | - | - | - |
| ProPEX LF Brass x CPVC Spigot Adapter, 1-1/4" PEX x 1-1/4" CPVC (IPS Sch 80) | CP8501313 | - | - | - | - | - | - |
| ProPEX LF Brass x CPVC Spigot Adapter, 1-1/2" PEX x 1-1/2" CPVC (IPS Sch 80) | CP8501515 | ProPEX 1-1/2" | CPVC 1-1/2" | 73 | 180 | 200 | 0.77 |
| ProPEX LF Brass x CPVC Spigot Adapter, 2" PEX x 2" CPVC (IPS Sch 80) | CP8502020 | ProPEX 2" | CPVC 2" | 73 | 180 | 200 | 1.39 |
| ProPEX LF Brass x CPVC Spigot Adapter, 2-1/2" PEX x 2-1/2" CPVC (IPS Sch 80) | CP8502525 | ProPEX 2-1/2" | CPVC 2-1/2" | 73 | 180 | 200 | 2.51 |
| ProPEX LF Brass x CPVC Spigot Adapter, 3" PEX x 3" CPVC (IPS Sch 80) | CP8503030 | ProPEX 3" | CPVC 3" | 73 | 180 | 200 | 3.7 |
| ProPEX LF Brass x CPVC Spigot Adapter, 1/2" PEX x 1/2" CPVC (IPS Sch 80) | CP8505050 | ProPEX 1/2" | CPVC 1/2" | 73 | 180 | 200 | 0.18 |
| ProPEX LF Brass x CPVC Spigot Adapter, 3/4" PEX x 3/4" CPVC (IPS Sch 80) | CP8507575 | ProPEX 3/4" | CPVC 3/4" | 73 | 180 | 200 | 0.26 |
| ProPEX LF Brass x CPVC Socket Adapter, 1" PEX x 1" CPVC (IPS Sch 80) | CP8511010 | - | - | - | - | - | - |
| ProPEX LF Brass x CPVC Socket Adapter, 1-1/4" PEX x 1-1/4" CPVC (IPS Sch 80) | CP8511313 | - | - | - | - | - | - |
| ProPEX LF Brass x CPVC Socket Adapter, 1-1/2" PEX x 1-1/2" CPVC (IPS Sch 80) | CP8511515 | ProPEX 1-1/2" | CPVC 1-1/2" | 73 | 180 | 200 | 0.79 |
| ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (IPS Sch 80) | CP8512020 | ProPEX 2" | CPVC 2" | 73 | 180 | 200 | 1.41 |
| ProPEX LF Brass x CPVC Socket Adapter, 2-1/2" PEX x 2-1/2" CPVC (IPS Sch 80) | CP8512525 | ProPEX 2-1/2" | CPVC 2-1/2" | 73 | 180 | 200 | 2.58 |
| ProPEX LF Brass x CPVC Socket Adapter, 3" PEX x 3" CPVC (IPS Sch 80) | CP8513030 | ProPEX 3" | CPVC 3" | 73 | 180 | 200 | 3.79 |
| ProPEX LF Brass x CPVC Socket Adapter, 1/2" PEX x 1/2" CPVC (IPS Sch 80) | CP8515050 | ProPEX 1/2" | CPVC 1/2" | 73 | 180 | 200 | 0.18 |
| ProPEX LF Brass x CPVC Socket Adapter, 3/4" PEX x 3/4" CPVC (IPS Sch 80) | CP8517575 | ProPEX 3/4" | CPVC 3/4" | 73 | 180 | 200 | 0.26 |

| Part name | Part no. | Codes | Standards | Listings |
|------------------------------|----------|--|---|----------------------------------|
| ChlorFIT Transition Fittings | All | UPC IBC IRC IPC NPC of Canada UMC NSPC IMC | ASTM F441 ASTM F439 ASTM F877 NSF/ANSI/CAN 372 ASTM F1960 ASTM F1970 CSA B137.5 NSF/ANSI/CAN 61 NSF/ANSI 14 | cNSFus-pw-G U.P.Code cQA us P321 |

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

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|--|-----------|--|--|--|
| ProPEX LF Brass x CPVC Spigot Adapter, 3" PEX x 3" CPVC (IPS Sch 80) | CP8503030 | | | |
| ProPEX LF Brass x CPVC Spigot Adapter, 1/2" PEX x 1/2" CPVC (IPS Sch 80) | CP8505050 | | | |
| ProPEX LF Brass x CPVC Spigot Adapter, 3/4" PEX x 3/4" CPVC (IPS Sch 80) | CP8507575 | | | |
| ProPEX LF Brass x CPVC Socket Adapter, 1-1/2" PEX x 1-1/2" CPVC (IPS Sch 80) | CP8511515 | | | |
| ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (IPS Sch 80) | CP8512020 | | | |

| 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 Hydronic piping |

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