



PLUMBING AND
HYDRONIC DISTRIBUTION
PIPING SYSTEMS

**PROPEX® LEAD-FREE (LF)
BRASS CPVC ADAPTER
FITTINGS**

SELL SHEET

Uponor ProPEX® Lead-free (LF) Brass CPVC Adapter Fittings

Targeted for commercial piping applications, Uponor is offering an industry-first solution with six new ProPEX LF Brass CPVC Adapter fittings for transitioning from copper tube size (CTS) SDR 11 CPVC to PEX in 1¼" to 2" pipe sizes.

Features:

- Allows designers and installers to transition easily and quickly from CTS SDR 11 CPVC to PEX in larger-diameter pipe sizes
- Features Uponor's durable, reliable ProPEX fitting system for connections that hold tight with 1,000 pounds of radial force
- Available in 1¼", 1½" and 2" sizes

Uponor ProPEX® Lead-free (LF) Brass CPVC Adapter Fittings Product Offering

Part No.	Part Description
CP4501313	ProPEX LF Brass x CPVC Spigot Adapter, 1¼" PEX x 1¼" CPVC (CTS)
CP4501515	ProPEX LF Brass x CPVC Spigot Adapter, 1½" PEX x 1½" CPVC (CTS)
CP4502020	ProPEX LF Brass x CPVC Spigot Adapter, 2" PEX x 2" CPVC (CTS)
CP4511313	ProPEX LF Brass x CPVC Socket Adapter, 1¼" PEX x 1¼" CPVC (CTS)
CP4511515	ProPEX LF Brass x CPVC Socket Adapter, 1½" PEX x 1½" CPVC (CTS)
CP4512020	ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (CTS)



Frequently Asked Questions

Why is the ProPEX side of the transition fitting lead-free (LF) brass and not Uponor's engineered polymer (EP) material?

While a properly made CPVC connection should not result in solvent cement coming in contact with the ProPEX end, Uponor chose lead-free (LF) brass to ensure the reliability of the ProPEX connection and avoid any possible compromise of the EP fitting from harsh CPVC solvents.

Do I need to use a certain type or brand of solvent cement when making the connection to CPVC pipe or fittings?

There are no special CPVC solvent cement requirements for the CPVC side of Uponor's ProPEX CPVC transition fittings. However, you must follow all of the CPVC pipe and fitting manufacturer's instructions and recommendations for proper CPVC connections and take proper precautions to prevent the harsh CPVC solvents from contacting the PEX tubing or any EP fittings in the proximity.

Are these fittings designed to transition from Copper Tube Size (CTS) or Iron Pipe Size (IPS or Sch. 40/80) CPVC pipe and fittings?

Uponor's ProPEX CPVC transition fittings are specifically designed to transition from CTS pipe and fittings. These fittings conform to ASTM D2846, Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems. To connect to Sch. 40/80, you will need to ensure the correct fit with an adapter to CTS before transitioning to PEX with Uponor's fittings.

Are the transition fittings approved for use in plenums?

We are currently testing the fittings to ASTM E84 for use in plenum applications.

What is the difference between spigot adapters and socket adapters?

Spigot and socket are terms used to describe the connection type. Spigot adapters are designed to

transition from a CPVC fitting, so the adapter fits into the fitting much like a piece of CPVC pipe would. Socket adapters are designed to transition from CPVC pipe, so the adapter fits over the top of the pipe like a normal CPVC fitting.

Is the black CPVC end made from Uponor's EP material?

No. The ProPEX LF Brass CPVC Adapter Fitting is manufactured using a black CPVC material with a lead-free (LF) brass ProPEX end. The black material is an NSF-approved CPVC compound and can be joined to all CTS CPVC pipe and fittings listed to ASTM D2846.

What is the warranty on these products?

The ProPEX LF Brass CPVC Adapter Fittings are covered by the appropriate Uponor System Limited Warranty in effect at the time of installation. For specific terms, refer to the full warranty details available at www.uponorpro.com/warranties.



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