

ProPEX lead-free (LF) brass CPVC socket 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 and CPVC O-ring: EPDM
Temp/pressure ratings	73 °F (23 °C) at 160 psi (11 bar) 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

ProPEX® Lead-free (LF) Brass CPVC Socket Adapters transition Uponor PEX tubing to CPVC copper tube size (CTS) pipe for use in hot and cold domestic potable water systems and hydronic radiant heating and cooling systems.

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]	End Type 1	End Type 2
ProPEX LF Brass x CPVC Socket Adapter, 1 1/4" PEX x 1 1/4" CPVC (CTS)	CP4511313	3.685	1.12	1.12	1.385	1.055	2.11	0.693	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 (CTS)	CP4511515	4.184	1.16	1.32	1.64	1.2	2.4	0.82	1.704	ProPEX 1-1/2"	CPVC 1-1/2"
ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (CTS)	CP4512020	5.227	1.36	1.72	2.141	1.5	3.0	1.07	2.147	ProPEX 2"	CPVC 2"

Part name	Part no.	Weight per UOM [lbs/UOM]
ProPEX LF Brass x CPVC Socket Adapter, 1 1/4" PEX x 1 1/4" CPVC (CTS)	CP4511313	0.62
ProPEX LF Brass x CPVC Socket Adapter, 1 1/2" PEX x 1 1/2" CPVC (CTS)	CP4511515	0.77
ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (CTS)	CP4512020	1.42

Part name	Part no.	Codes	Standards	Listings
ProPEX lead-free (LF) brass CPVC socket adapters	All	UPC IBC IRC IPC NPC of Canada UMC NSPC IMC	ASTM F877 ASTM F1960 CSA B137.5 ASTM D2846	IAPMO-ES HUD MR 1269 ICC-ES- PMG cNSFus-pw-G U.P.Code cQAlus P321

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

ProPEX LF Brass x CPVC Socket Adapter, 1 1/4" PEX x 1 1/4" CPVC (CTS)	CP4511313	NSF-372 NSF-61 NSF-14
ProPEX LF Brass x CPVC Socket Adapter, 1 1/2" PEX x 1 1/2" CPVC (CTS)	CP4511515	NSF/ANSI/CAN 372 NSF/ANSI/CAN 61 NSF/ANSI 14
ProPEX LF Brass x CPVC Socket Adapter, 2" PEX x 2" CPVC (CTS)	CP4512020	NSF/ANSI/CAN 372 NSF/ANSI/CAN 61 NSF/ANSI 14

Installation

Use the appropriate Uponor ProPEX Ring for the tubing (sold separately). Refer to the Uponor AquaPEX® Professional Plumbing Installation Guide or Uponor Radiant Floor Heating Installation Handbook for additional information. Follow all CPVC instructions and guidelines for proper CPVC connections.

Related applications

PEX-a Plumbing Systems
Radiant Heating and Cooling Systems
Permafrost Protection Systems
Turf Conditioning Systems

Footnotes		Contact information	
-		Uponor Inc.	Uponor Ltd.
		5925 148th Street West	6510 Kennedy Road
		Apple Valley, MN 55124	Mississauga, ON L5T 2X4
		T 800.321.4739	T 888.594.7726
		F 952.891.2008	F 800.638.9517