ProPEX® LF Brass Schedule 80 Corzan® CPVC Adapters

Project information

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

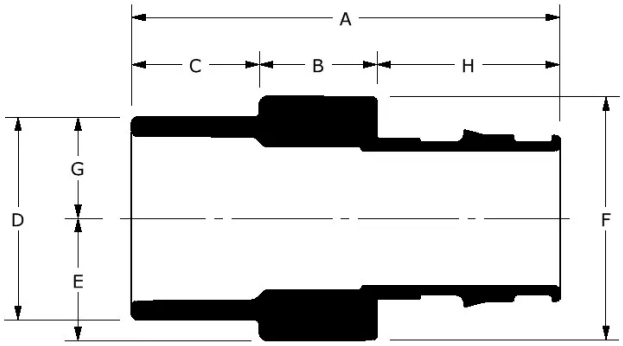
Technical data

Material	LF Brass
Subcomponent Material	Body: LF Brass, CPVC 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)
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 Hydronic piping

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

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