ChlorFIT Fitting Coupling Straight

Project information

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

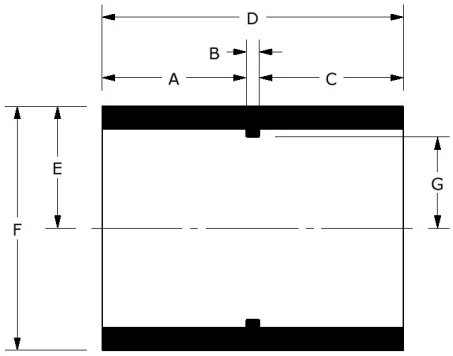
Technical data

Material CPVC

Product information and application use

Use Uponor ChlorFIT® Schedule 80 Corzan® CPVC Couplings 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]	End Type 1	End Type 2	Operating Temperature 1 [°F]
✔	1/2" CPVC80 Coupling (SxS)	9829005	0.882	0.126	0.882	1.89	0.58	1.16	0.362	CPVC 1/2"	CPVC 1/2"	73 °F (23 °C) at 850 psi (23 °C)
	3/4" CPVC80 Coupling (SxS)	9829007	1.008	0.124	1.008	2.14	0.698	1.397	0.46	CPVC 3/4"	CPVC 3/4"	73 °F (23 °C) at 690 psi (23 °C)
	1" CPVC80 Coupling (SxS)	9829010	1.133	0.124	1.133	2.39	0.855	1.71	0.596	CPVC 1"	CPVC 1"	73 °F (23 °C) at 630 psi (23 °C)
	1 1/4" CPVC80 Coupling (SxS)	9829012	1.258	0.124	1.258	2.64	1.04	2.08	0.765	CPVC 1-1/4"	CPVC 1-1/4"	73 °F (23 °C) at 520 psi (23 °C)
	1 1/2" CPVC80 Coupling (SxS)	9829015	1.383	0.124	1.383	2.89	1.168	2.335	0.875	CPVC 1-1/2"	CPVC 1-1/2"	73 °F (23 °C) at 470 psi (23 °C)
	2" CPVC80 Coupling (SxS)	9829020	1.509	0.122	1.509	3.14	1.425	2.85	1.105	CPVC 2"	CPVC 2"	73 °F (23 °C) at 400 psi (23 °C)
	2 1/2" CPVC80 Coupling (SxS)	9829025	1.775	0.19	1.775	3.74	1.735	3.47	1.375	CPVC 2-1/2"	CPVC 2-1/2"	73 °F (23 °C) at 420 psi (23 °C)
	3" CPVC80 Coupling (SxS)	9829030	1.9	0.25	1.9	4.05	2.09	4.18	1.555	CPVC 3"	CPVC 3"	73 °F (23 °C) at 370 psi (23 °C)
	4" CPVC80 Coupling (SxS)	9829040	2.328	0.154	2.328	4.81	2.625	5.25	2.05	CPVC 4"	CPVC 4"	73 °F (23 °C) at 320 psi (23 °C)
	6" CPVC80 Coupling (SxS)	9829060	3.04	0.32	3.04	6.4	3.78	7.56	3.19	CPVC 6"	CPVC 6"	73 °F (23 °C) at 280 psi (23 °C)
	8" CPVC80 Coupling (SxS)	9829080	4.02	0.33	4.02	8.37	4.87	9.74	4.025	CPVC 8"	CPVC 8"	73 °F (23 °C) at 250 psi (23 °C)

	Part name	Part no.	Operating Temperature 2 [°F]	Weight per UOM [lbs/UOM]
✔	1/2" CPVC80 Coupling (SxS)	9829005	180 °F (82 °C) at 210 psi (82 °C)	0.06
	3/4" CPVC80 Coupling (SxS)	9829007	180 °F (82 °C) at 170 psi (82 °C)	0.08
	1" CPVC80 Coupling (SxS)	9829010	180 °F (82 °C) at 155 psi (82 °C)	0.12
	1 1/4" CPVC80 Coupling (SxS)	9829012	180 °F (82 °C) at 130 psi (82 °C)	0.17
	1 1/2" CPVC80 Coupling (SxS)	9829015	180 °F (82 °C) at 115 psi (82 °C)	0.22
	2" CPVC80 Coupling (SxS)	9829020	180 °F (82 °C) at 100 psi (82 °C)	0.33
	2 1/2" CPVC80 Coupling (SxS)	9829025	180 °F (82 °C) at 105 psi (82 °C)	0.59
	3" CPVC80 Coupling (SxS)	9829030	180 °F (82 °C) at 90 psi (82 °C)	0.86
	4" CPVC80 Coupling (SxS)	9829040	180 °F (82 °C) at 80 psi (82 °C)	1.41
	6" CPVC80 Coupling (SxS)	9829060	180 °F (82 °C) at 70 psi (82 °C)	3.37

© 2026 Uponor North America. All Rights Reserved

8" CPVC80 Coupling (SxS)	9829080	180 °F (82 °C) at 60 psi (82 °C)		6.94

Part name	Part no.	Codes	Standards	Listings
ChlorFIT Fitting Coupling Straight	All	UPC|IBC|IRC|IPC|UMC|NSPC|IMC	ASTM F439|NSF/ANSI/CAN 61|NSF/ANSI 14	ULC|NSFpw-G|U.P.Code
In addition, the following parts have additional codes, standards, or listings:				
1/2" CPVC80 Coupling (SxS)	9829005			ICC-ES-PMG
3/4" CPVC80 Coupling (SxS)	9829007			ICC-ES-PMG
1" CPVC80 Coupling (SxS)	9829010			ICC-ES-PMG
1 1/4" CPVC80 Coupling (SxS)	9829012			ICC-ES-PMG
1 1/2" CPVC80 Coupling (SxS)	9829015			ICC-ES-PMG
2" CPVC80 Coupling (SxS)	9829020			ICC-ES-PMG
2 1/2" CPVC80 Coupling (SxS)	9829025			ICC-ES-PMG
3" CPVC80 Coupling (SxS)	9829030			ICC-ES-PMG
4" CPVC80 Coupling (SxS)	9829040			ICC-ES-PMG
6" CPVC80 Coupling (SxS)	9829060			ICC-ES-PMG

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 F 952.891.2008	Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.638.9517

© 2026 Uponor North America. All Rights Reserved