ChlorFIT Elbow 45 degree

Project information

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

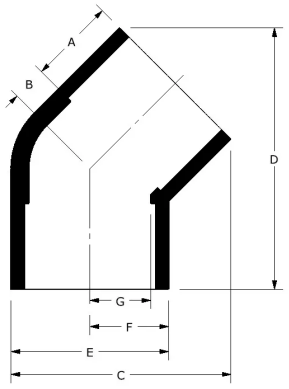
Technical data

Material CPVC

Product information and application use

Use Uponor ChlorFIT® Schedule 80 Corzan® CPVC Elbows 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 45 Ell (SxS)	9817005	0.922	0.248	1.821	2.409	1.164	0.582	0.362	Socket 1/2"	Socket 1/2"	73 °F (23 °C) at 850 psi (23 °C)
	3/4" CPVC80 45 Ell (SxS)	9817007	1	0.312	2.102	2.726	1.375	0.688	0.46	Socket 3/4"	Socket 3/4"	73 °F (23 °C) at 690 psi (23 °C)
	1" CPVC80 45 Ell (SxS)	9817010	1.162	0.308	2.499	3.114	1.71	0.855	0.596	Socket 1"	Socket 1"	73 °F (23 °C) at 630 psi (23 °C)
	1-1/4" CPVC80 45 Ell (SxS)	9817012	1.302	0.378	2.972	3.607	2.09	1.045	0.765	Socket 1-1/4"	Socket 1-1/4"	73 °F (23 °C) at 520 psi (23 °C)
	1-1/2" CPVC80 45 Ell (SxS)	9817015	1.429	0.441	3.323	4.021	2.344	1.172	0.875	Socket 1-1/2"	Socket 1-1/2"	73 °F (23 °C) at 470 psi (23 °C)
	2" CPVC80 45 Ell (SxS)	9817020	1.562	0.628	3.995	4.752	2.866	1.433	1.105	Socket 2"	Socket 2"	73 °F (23 °C) at 400 psi (23 °C)
	2-1/2" CPVC80 45 Ell (SxS)	9817025	1.759	0.75	4.761	5.52	3.5	1.75	1.375	Socket 2-1/2"	Socket 2-1/2"	73 °F (23 °C) at 420 psi (23 °C)
	3" CPVC80 45 Ell (SxS)	9817030	1.89	0.78	5.43	6.025	4.15	2.075	1.688	Socket 3"	Socket 3"	73 °F (23 °C) at 370 psi (23 °C)
	4" CPVC80 45 Ell (SxS)	9817040	2.328	0.952	6.758	7.438	5.2	2.6	2.05	Socket 4"	Socket 4"	73 °F (23 °C) at 320 psi (23 °C)
✔	6" CPVC80 45 Ell (SxS)	9817060	3.094	1.736	9.874	10.92	7.567	3.783	3.144	Socket 6"	Socket 6"	73 °F (23 °C) at 280 psi (23 °C)
	8" CPVC80 45 Ell (SxS)	9817080	4.094	2.06	12.631	13.935	9.7	4.85	4.19	Socket 8"	Socket 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 45 Ell (SxS)	9817005	180 °F (82 °C) at 210 psi (82 °C)	0.06
	3/4" CPVC80 45 Ell (SxS)	9817007	180 °F (82 °C) at 170 psi (82 °C)	0.09
	1" CPVC80 45 Ell (SxS)	9817010	180 °F (82 °C) at 155 psi (82 °C)	0.15
	1-1/4" CPVC80 45 Ell (SxS)	9817012	180 °F (82 °C) at 130 psi (82 °C)	0.22
	1-1/2" CPVC80 45 Ell (SxS)	9817015	180 °F (82 °C) at 115 psi (82 °C)	0.29
	2" CPVC80 45 Ell (SxS)	9817020	180 °F (82 °C) at 100 psi (82 °C)	0.48
	2-1/2" CPVC80 45 Ell (SxS)	9817025	180 °F (82 °C) at 105 psi (82 °C)	0.85
	3" CPVC80 45 Ell (SxS)	9817030	180 °F (82 °C) at 90 psi (82 °C)	1.15
	4" CPVC80 45 Ell (SxS)	9817040	180 °F (82 °C) at 80 psi (82 °C)	2.04
✔	6" CPVC80 45 Ell (SxS)	9817060	180 °F (82 °C) at 70 psi (82 °C)	5.9

© 2026 Uponor North America. All Rights Reserved

8" CPVC80 45 Ell (SxS)	9817080	180 °F (82 °C) at 60 psi (82 °C)	10.56	

Part name	Part no.	Codes	Standards	Listings
ChlorFIT Elbow 45 degree	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 45 Ell (SxS)	9817005			ICC-ES-PMG
3/4" CPVC80 45 Ell (SxS)	9817007			ICC-ES-PMG
1" CPVC80 45 Ell (SxS)	9817010			ICC-ES-PMG
1-1/4" CPVC80 45 Ell (SxS)	9817012			ICC-ES-PMG
1-1/2" CPVC80 45 Ell (SxS)	9817015			ICC-ES-PMG
2" CPVC80 45 Ell (SxS)	9817020			ICC-ES-PMG
2-1/2" CPVC80 45 Ell (SxS)	9817025			ICC-ES-PMG
3" CPVC80 45 Ell (SxS)	9817030			ICC-ES-PMG
4" CPVC80 45 Ell (SxS)	9817040			ICC-ES-PMG
6" CPVC80 45 Ell (SxS)	9817060			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