



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.	



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

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 IAPMO 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.		Uponor Ltd.	
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