

ChlorFIT Elbow 90 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 90 Ell (SxS)	9806005	0.882	0.5	1.962	1.962	1.16	0.58	0.362	Socket 1/2"	Socket 1/2"	73 °F (23 °C) at 850 psi (23 °C)
3/4" CPVC80 90 Ell (SxS)	9806007	1.008	0.562	2.265	2.265	1.39	0.695	0.46	Socket 3/4"	Socket 3/4"	73 °F (23 °C) at 690 psi (23 °C)
1" CPVC80 90 Ell (SxS)	9806010	1.133	0.687	2.675	2.675	1.71	0.855	0.596	Socket 1"	Socket 1"	73 °F (23 °C) at 630 psi (23 °C)
1-1/4" CPVC80 90 Ell (SxS)	9806012	1.258	0.902	3.2	3.2	2.08	1.04	0.75	Socket 1-1/4"	Socket 1-1/4"	73 °F (23 °C) at 520 psi (23 °C)
1-1/2" CPVC80 90 Ell (SxS)	9806015	1.383	1.027	3.578	3.578	2.335	1.168	0.885	Socket 1-1/2"	Socket 1-1/2"	73 °F (23 °C) at 470 psi (23 °C)
2" CPVC80 90 Ell (SxS)	9806020	1.509	1.281	4.228	4.228	2.87	1.432	1.135	Socket 2"	Socket 2"	73 °F (23 °C) at 400 psi (23 °C)
2-1/2" CPVC80 90 Ell (SxS)	9806025	1.759	1.531	5.04	5.04	3.495	1.745	1.375	Socket 2-1/2"	Socket 2-1/2"	73 °F (23 °C) at 420 psi (23 °C)
3" CPVC80 90 Ell (SxS)	9806030	1.89	1.813	5.778	5.778	4.147	2.072	1.633	Socket 3"	Socket 3"	73 °F (23 °C) at 370 psi (23 °C)
4" CPVC80 90 Ell (SxS)	9806040	2.27	2.313	7.198	7.198	5.23	2.615	2.125	Socket 4"	Socket 4"	73 °F (23 °C) at 320 psi (23 °C)
6" CPVC80 90 Ell (SxS)	9806060	3.02	3.53	10.33	10.33	7.56	3.78	3.125	Socket 6"	Socket 6"	73 °F (23 °C) at 280 psi (23 °C)
8" CPVC80 90 Ell (SxS)	9806080	4.094	4.546	13.49	13.49	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 90 Ell (SxS)	9806005	180 °F (82 °C) at 210 psi (82 °C)	0.08
3/4" CPVC80 90 Ell (SxS)	9806007	180 °F (82 °C) at 170 psi (82 °C)	0.11
1" CPVC80 90 Ell (SxS)	9806010	180 °F (82 °C) at 155 psi (82 °C)	0.18
1-1/4" CPVC80 90 Ell (SxS)	9806012	180 °F (82 °C) at 130 psi (82 °C)	0.29
1-1/2" CPVC80 90 Ell (SxS)	9806015	180 °F (82 °C) at 115 psi (82 °C)	0.37
2" CPVC80 90 Ell (SxS)	9806020	180 °F (82 °C) at 100 psi (82 °C)	0.57
2-1/2" CPVC80 90 Ell (SxS)	9806025	180 °F (82 °C) at 105 psi (82 °C)	1.05
3" CPVC80 90 Ell (SxS)	9806030	180 °F (82 °C) at 90 psi (82 °C)	1.55
4" CPVC80 90 Ell (SxS)	9806040	180 °F (82 °C) at 80 psi (82 °C)	2.8
6" CPVC80 90 Ell (SxS)	9806060	180 °F (82 °C) at 70 psi (82 °C)	7.59

Part name	Part no.	Codes	Standards	Listings
ChlorFIT Elbow 90 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 90 Ell (SxS)	9806005			ICC-ES-PMG
3/4" CPVC80 90 Ell (SxS)	9806007			ICC-ES-PMG
1" CPVC80 90 Ell (SxS)	9806010			ICC-ES-PMG
1-1/4" CPVC80 90 Ell (SxS)	9806012			ICC-ES-PMG
1-1/2" CPVC80 90 Ell (SxS)	9806015			ICC-ES-PMG
2" CPVC80 90 Ell (SxS)	9806020			ICC-ES-PMG
2-1/2" CPVC80 90 Ell (SxS)	9806025			ICC-ES-PMG
3" CPVC80 90 Ell (SxS)	9806030			ICC-ES-PMG
4" CPVC80 90 Ell (SxS)	9806040			ICC-ES-PMG
6" CPVC80 90 Ell (SxS)	9806060			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
-	<p>Uponor Inc. 5925 148th Street West Apple Valley, MN 55124 T 800.321.4739 F 952.891.2008</p> <p>Uponor Ltd. 6510 Kennedy Road Mississauga, ON L5T 2X4 T 888.594.7726 F 800.638.9517</p>