ChlorFIT Pipe

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 Pipe in hot and cold potable-water systems as well as hydronic heating and cooling applications.

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Part name	Part no.	A [inch]	B [inch]	Inner diameter pipe [inch]	Outer diameter pipe [inch]	Operating Temperature 1 [°F]	Operating Temperature 2 [°F]	Weight per UOM [lbs/UOM]
1/2" CPVC Sch.80 x 20 ft. Plain End	H0800050CG2000	0.84	0.546	0.547	0.839	73 °F (23 °C) at 850 psi (23 °C)	180 °F (82 °C) at 210 psi (82 °C)	4.5
3/4" CPVC Sch.80 x 20 ft. Plain End	H0800075CG2000	1.05	0.742	0.744	1.051	73 °F (23 °C) at 690 psi (23 °C)	180 °F (82 °C) at 170 psi (82 °C)	6.1
1" CPVC Sch.80 x 20 ft. Plain End	H0800100CG2000	1.315	0.957	0.957	1.315	73 °F (23 °C) at 630 psi (23 °C)	180 °F (82 °C) at 155 psi (82 °C)	8.98
1-1/4" CPVC Sch.80 x 20 ft. Plain End	H0800125CG2000	1.66	1.278	1.28	1.661	73 °F (23 °C) at 520 psi (23 °C)	180 °F (82 °C) at 130 psi (82 °C)	12.36
1-1/2" CPVC Sch.80 x 20 ft. Plain End	H0800150CG2000	1.9	1.5	1.5	1.902	73 °F (23 °C) at 470 psi (23 °C)	180 °F (82 °C) at 115 psi (82 °C)	15.02
2" CPVC Sch.80 x 20 ft. Plain End	H0800200CG2000	2.375	1.939	1.941	2.374	73 °F (23 °C) at 400 psi (23 °C)	180 °F (82 °C) at 100 psi (82 °C)	20.8
2-1/2" CPVC Sch.80 x 20 ft. Plain End	H0800250CG2000	2.875	2.323	2.323	2.874	73 °F (23 °C) at 420 psi (23 °C)	180 °F (82 °C) at 105 psi (82 °C)	31.68
3" CPVC Sch.80 x 20 ft. Plain End	H0800300CG2000	3.5	2.9	2.902	3.5	73 °F (23 °C) at 370 psi (23 °C)	180 °F (82 °C) at 90 psi (82 °C)	42.48
4" CPVC Sch.80 x 20 ft. Plain End	H0800400CG2000	4.5	3.826	3.827	4.5	73 °F (23 °C) at 320 psi (23 °C)	180 °F (82 °C) at 80 psi (82 °C)	62.1
6" CPVC Sch.80 x 20 ft. Plain End	H0800600CG2000	6.625	5.761	5.76	6.626	73 °F (23 °C) at 280 psi (23 °C)	180 °F (82 °C) at 70 psi (82 °C)	118.58
8" CPVC Sch.80 x 20 ft. Plain End	H0800800CG2000	8.625	7.625	7.626	8.626	73 °F (23 °C) at 250 psi (23 °C)	180 °F (82 °C) at 60 psi (82 °C)	181.02

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Part name	Part no.	Codes	Standards	Listings
ChlorFIT Pipe	All	UPC|IBC|IRC|IPC|UMC|NSPC|IMC	ASTM F441|ULC S102.2|NSF/ANSI/CAN 61|NSF/ANSI 14	ULC|U.P.Code
In addition, the following parts have additional codes, standards, or listings:				
1/2" CPVC Sch.80 x 20 ft. Plain End	H0800050CG2000		ASTM E84	NSFpw-G|ICC-ES-PMG
3/4" CPVC Sch.80 x 20 ft. Plain End	H0800075CG2000		ASTM E84	NSFpw-G|ICC-ES-PMG
1" CPVC Sch.80 x 20 ft. Plain End	H0800100CG2000		ASTM E84	NSFpw-G|ICC-ES-PMG
1-1/4" CPVC Sch.80 x 20 ft. Plain End	H0800125CG2000		CSA B137.6|ASTM E84	ICC-ES-PMG|cNSFus-pw-G
1-1/2" CPVC Sch.80 x 20 ft. Plain End	H0800150CG2000		CSA B137.6|ASTM E84	ICC-ES-PMG|cNSFus-pw-G
2" CPVC Sch.80 x 20 ft. Plain End	H0800200CG2000		CSA B137.6|ASTM E84	ICC-ES-PMG|cNSFus-pw-G
2-1/2" CPVC Sch.80 x 20 ft. Plain End	H0800250CG2000		CSA B137.6|ASTM E84	ICC-ES-PMG|cNSFus-pw-G
3" CPVC Sch.80 x 20 ft. Plain End	H0800300CG2000		ASTM E84	NSFpw-G|ICC-ES-PMG
4" CPVC Sch.80 x 20 ft. Plain End	H0800400CG2000		ASTM E84	NSFpw-G|ICC-ES-PMG
6" CPVC Sch.80 x 20 ft. Plain End	H0800600CG2000		ASTM E84	NSFpw-G|ICC-ES-PMG
8" CPVC Sch.80 x 20 ft. Plain End	H0800800CG2000			NSFpw-G

Installation

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.

Related applications

Domestic water

Hydronic piping

Footnotes

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