



Pumping&Plumbing

## Tube CPVC Sch80 Dimensions and Maximum Pressure at 23°C

Nominal Diameter (in)	External Diameter mm	Mean Internal Diameter mm	Min. Wall mm	Weight per Meter	Max. Pressure PSI*
1/8	10,29	4,95	2,41	0,101	1230
1/4	13,72	7,16	3,02	0,171	1130
3/8	17,15	10,24	3,20	0,235	920
1/2	21,34	13,36	3,73	0,345	850
3/4	26,67	18,34	3,91	0,466	690
1	33,40	23,77	4,55	0,685	630
1-1/4	42,16	31,88	4,85	0,948	520
1-1/2	48,26	37,49	5,08	1,148	470
2	60,33	48,59	5,54	1,589	400
2-1/2	73,03	58,17	7,01	2,424	420
3	88,90	72,75	7,62	3,247	370
4	114,30	96,16	8,56	4,747	350
6	168,28	145,01	10,97	9,063	320
8	219,08	192,15	12,70	13,767	290
10	273,05	241,12	15,06	20,413	280
12	323,85	286,87	17,45	28,085	250
14	355,60	315,21	19,05	33,687	230
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## Maximum Temperature CPVC Sch80 - 95°C

Below are the factors for compensation of the maximum admissible pressure in the case of temperatures above 23°C.

### TUBO CPVC Sch80

Temperature (°C)	Compensation Factor
23-27	1.00
32	0.91
38	0.82
43	0.72
49	0.65
54	0.57
60	0.50
66	0.42
71	0.40
77	0.29
82	0.25
95	0.20