

SERIES AND SIZE OF CPVC PIPE FOR INDUSTRY



GB/T 18998.2-2003 unit:mm

dn Nominal Outside Diameter Dn	Dimensions (mm)							
	S10 / SDR21		S6.3 / SDR13.6		S5 / SDR11		S4 / SDR9	
	e _{min}	Tolerance	e _{min}	Tolerance	e _{min}	Tolerance	e _{min}	Tolerance
20	2.0(0.96)*	0-+0.4	2.0(1.5)*	0-+0.4	2.0(1.9)*	0-+0.4	2.3	0-+0.5
25	2.0(1.2)*	0-+0.4	2.0(1.9)*	0-+0.4	2.3	0-+0.5	2.8	0-+0.5
32	2.0(1.6)*	0-+0.4	2.4	0-+0.5	2.9	0-+0.5	3.6	0-+0.6
40	2.0(1.9)*	0-+0.4	3.0	0-+0.5	3.7	0-+0.6	4.5	0-+0.7
50	2.4	0-+0.5	3.7	0-+0.6	4.6	0-+0.7	5.6	0-+0.8
63	3.0	0-+0.5	4.7	0-+0.7	5.8	0-+0.8	7.1	0-+1.0
75	3.6	0-+0.6	5.6	0-+0.8	6.8	0-+0.9	8.4	0-+1.1
90	4.3	0-+0.7	6.7	0-+0.9	8.2	0-+1.1	10.1	0-+1.3
110	5.3	0-+0.8	8.1	0-+1.1	10.0	0-+1.2	12.3	0-+1.5
125	6.0	0-+0.8	9.2	0-+1.2	11.4	0-+1.4	14.0	0-+1.6
140	6.7	0-+0.9	10.3	0-+1.3	12.7	0-+1.5	15.7	0-+1.8
160	7.7	0-+1.0	11.8	0-+1.4	14.6	0-+1.7	17.9	0-+2.0
180	8.6	0-+1.1	13.3	0-+1.6	-	-	-	-
200	9.6	0-+1.2	14.7	0-+1.7	-	-	-	-
225	10.8	0-+1.3	16.6	0-+1.9	-	-	-	-
250	11.9	0-+1.4	18.4	0-+2.1	-	-	-	-
280	13.4	0-+1.6	20.6	0-+2.3	-	-	-	-
315	15.0	0-+1.7	23.2	0-+2.6	-	-	-	-
355	16.9	0-+1.9	26.1	0-+2.9	-	-	-	-
400	19.1	0-+2.2	29.4	0-+3.2	-	-	-	-

Note: Consider the request of stiffness, the minimum wall thickness marked with "*" size added to 2.0mm.
Use the wall thickness in parenthesis when calculating the hydrostatic test press.

(ASTM)CPVC PIPE CPVC

SCH40

ASTM F441 unit:mm

Size(")	Wall thickness(mm)	Outer diameter	Tolerance of wall thickness
1/2"	2.77	21.34	0-+0.51
3/4"	2.87	26.67	0-+0.51
1"	3.38	33.4	0-+0.51
1-1/4"	3.56	42.16	0-+0.51
1-1/2"	3.68	48.26	0-+0.51
2"	3.91	60.32	0-+0.51
2-1/2"	5.16	73.02	0-+0.61
3"	5.49	88.9	0-+0.66
4"	6.02	114.3	0-+0.71
5"	6.55	141.3	0-+0.79
6"	7.11	168.28	0-+0.79
8"	8.18	219.08	0-+0.86
10"	9.27	273.05	0-+1.12
12"	10.31	323.85	0-+1.24
14"	11.10	355.6	0-+1.35
16"	12.70	406.4	0-+1.52

SCH80

ASTM F441 unit:mm

Size(")	Wall thickness(mm)	Outer diameter	Tolerance of wall thickness
1/2"	3.73	21.34	0-+0.51
3/4"	3.91	26.67	0-+0.51
1"	4.55	33.4	0-+0.53
1-1/4"	4.85	42.16	0-+0.58
1-1/2"	5.08	48.26	0-+0.61
2"	5.54	60.32	0-+0.66
2-1/2"	7.01	73.02	0-+0.84
3"	7.62	88.9	0-+0.91
4"	8.56	114.3	0-+1.02
5"	9.52	141.3	0-+1.14
6"	10.97	168.28	0-+1.32
8"	12.70	219.08	0-+1.52
10"	15.06	273.05	0-+1.80
12"	17.45	323.85	0-+2.08
14"	19.05	355.6	0-+2.29
16"	21.41	406.4	0-+2.57