

Dimension chart of Ori-Plast cPVC pipes as per ASTM F 441/F441M

Nominal Diameter (MM)	Mean Outside Diameter (MM)		Wall Thickness (MM)				Working Pressure (Mpa)			
			Schedule 40 [Ⓞ]		Schedule 80		Schedule 40 [Ⓞ]		Schedule 80	
	Min	Max	Min	Max	Min	Max	23°C	82°C	23°C	82°C
15	21.20	21.40	2.77	3.28	3.73	4.24	4.14	1.03	5.86	1.45
20	26.60	26.80	2.87	3.38	3.91	4.42	3.31	0.83	4.76	1.17
25	33.27	33.53	3.38	3.89	4.55	5.08	3.10	0.76	4.34	1.07
32	42.07	42.33	3.56	4.07	4.85	5.43	2.55	0.62	3.59	0.90
40	48.15	48.45	3.68	4.19	5.08	5.69	2.28	0.55	3.24	0.79
50	60.15	60.45	3.91	4.42	5.54	6.20	1.93	0.48	2.76	0.69
65	72.82	73.18	5.16	5.77	7.01	7.85	2.07	0.52	2.90	0.72
80	88.70	89.10	5.49	6.15	7.62	8.53	1.79	0.45	2.55	0.62
90	101.40	101.80	5.74	6.42	8.08	9.04	1.65	0.41	2.41	0.59
100	114.07	114.53	6.02	6.73	8.56	9.58	1.52	0.38	2.21	0.55
125	141.05	141.55	6.55	7.34	9.52	10.66	1.31	0.31	2.00	0.48
150	168.02	168.58	7.11	7.97	10.97	12.29	1.24	0.31	1.93	0.48
TEMPERATURE CORRECTION OR DERATING FACTORS										
Operating Temperature	° F	73-80	90	100	120	140	160	180	200	
	° C	23-27	32	38	49	60	71	82	93	
Coefficient		1.00	0.91	0.82	0.65	0.50	0.40	0.25	0.20	