

uPVC Pipes Specification Sheet

Product Range:
MS 617:2 (equivalent to ISO1542-2:2009)
uPVC Pipe Dimensions

Pressure Classes	6, 8, 10, 12.5, 16, 20, 25
Working Pressure	600, 800, 1000, 1250, 1600, 2000, 2500 kPa
Length	Supplied in Standard 6 Meter Lengths including socket
Outside Diameter	Constant for all Classes
Pipe Ends/ Joints	Spigot and Socket Pipe with Integral Socket
Design Stress	20mm - 90mm 1 OM Pa, 110mm - 500mm 12.SMPa

Dimensions:
Minimum Wall Thickness and Average Mass per 6 Meter Length of each Size and Pressure Class.
MS617-2 (equivalent to ISO1452-2:2009)*

Outside Dia (mm)	PN 6		PN 8		PN 10		PN 12.5		PN 16**		PN 20**		PN 25**	
	THK	Weight	THK	Weight	THK	Weight	THK	Weight	THK	Weight	THK	Weight	THK	Weight
	mm	Kg/m	mm	Kg/m	mm	Kg/m	mm	Kg/m	mm	Kg/m	mm	Kg/m	mm	Kg/m
20	-	-	-	-	-	-	-	-	1.70	0.15	2.10	0.18	-	-
25	-	-	-	-	-	-	1.70	0.19	2.10	0.22	2.55	0.27	-	-
32	-	-	-	-	1.80	0.25	2.10	0.29	2.65	0.36	3.15	0.42	-	-
40	-	-	1.80	0.34	2.10	0.37	2.65	0.46	3.30	0.56	4.00	0.66	-	-
50	-	-	2.25	0.52	2.65	0.58	3.30	0.71	4.00	0.84	4.95	1.02	-	-
63	2.10	0.62	2.75	0.78	3.30	0.90	4.10	1.10	5.05	1.34	6.20	1.61	-	-
75	2.45	0.83	3.15	1.06	3.90	1.27	4.85	1.55	6.00	1.89	7.25	2.24	-	-
90	2.95	1.20	3.80	1.53	4.65	1.81	5.80	2.23	7.15	2.70	8.75	3.24	-	-
110	2.95	1.47	3.70	1.80	4.55	2.19	5.45	2.60	7.05	3.31	8.65	4.00	10.65	4.82
125	3.40	1.93	4.20	2.32	5.15	2.82	6.45	3.49	7.90	4.22	9.80	5.15	12.10	6.23
140	3.80	2.41	4.65	2.87	5.80	3.55	7.15	4.33	8.85	5.29	10.95	6.44	13.45	7.76
160	4.35	3.15	5.25	3.71	6.65	4.65	8.20	5.67	10.10	6.90	12.50	8.40	15.45	10.18
200	5.25	4.66	6.65	5.86	8.20	7.17	10.20	8.82	12.60	10.76	15.55	13.07	19.25	15.85
250	6.65	7.38	8.20	9.04	10.20	11.15	12.60	13.63	15.65	16.71	19.45	20.43	-	-
315	8.20	11.46	10.30	14.30	12.85	17.69	15.85	21.60	19.75	26.56	24.50	32.42	-	-
355	9.25	14.57	11.55	18.07	14.40	22.34	17.85	27.41	22.30	33.80	27.55	41.09	-	-
400	10.40	18.46	13.05	23.00	16.20	28.32	20.20	34.95	25.00	42.70	30.95	52.03	-	-
450**	11.70	23.36	14.60	28.96	18.20	35.80	22.70	44.18	28.15	54.09	34.85	65.90	-	-
500**	13.05	28.95	16.20	35.70	20.20	44.15	25.20	54.50	31.30	66.82	38.70	81.31	-	-

* We reserve the right to vary specifications and availability without prior notice.

** Denoted certain items may be subject to availability.