



PVC-U (unplasticised) pressure pipes are manufactured in accordance with the requirements of the SANS 966 Part 1 specification. The specification incorporates a design stress of 10 Mpa for pipes in sizes up to 90mm and pressure Class 4 as well as a design stress of 12.5 MPa for pipes in sizes ranging from 110mm to 500mm.

#### Product Data

Pressure Nominal	4, 6, 9, 12 and 20 Bar
Length	Supplied in standard 6m lengths
Outside Diameter	Constant for all classes of a given size
Pipe Joints	Spigot and socket with integral rubber ring joint

#### PVC-U Pressure Pipe

##### Minimum wall thickness dimensions and mass per 6 metre length

Outside Diameter (mm)	PN 4		PN 6		PN 9		PN 12		PN 16		PN 20	
	mm	kg	mm	kg	mm	kg	mm	kg	mm	kg	mm	kg
20	-	-	-	-	-	-	-	-	1.50	0.79	-	-
25	-	-	-	-	-	-	1.50	1.01	1.90	1.25	-	-
32	-	-	-	-	1.50	1.31	1.82.3	1.55	2.40	2.03	-	-
40	-	-	1.50	1.65	1.80	1.96	2.80	2.47	3.00	3.16	-	-
50	1.50	2.08	1.80	2.48	2.20	3.00	3.60	3.77	3.70	4.88	-	-
63	1.50	2.63	1.90	3.31	2.70	4.64	4.30	6.09	4.70	7.80	-	-
75	1.50	3.15	2.20	4.57	3.20	6.56	5.10	8.67	5.60	11.07	-	-
90	1.80	4.53	2.70	6.73	3.90	9.58	5.10	12.34	6.70	15.89	-	-
110	2.20	6.77	2.60	8.14	3.90	12.11	5.80	15.67	6.70	20.29	8.20	24.48
125	2.50	8.91	3.00	10.66	4.40	15.53	6.50	20.25	7.60	26.15	9.30	31.55
140	2.80	11.19	3.30	13.19	4.90	19.37	7.40	25.41	8.50	32.75	10.40	39.51
160	3.20	14.64	3.80	17.36	5.60	25.32	9.20	33.10	9.70	42.76	11.90	51.73
200	3.90	22.40	4.70	26.92	7.00	39.68	11.50	51.62	12.10	66.92	14.90	81.24
250	4.90	35.33	5.90	42.46	8.70	62.68	14.50	81.12	15.10	105.31	18.60	127.58
315	6.20	56.44	7.40	67.28	11.00	99.04	16.30	129.29	19.00	167.12	-	-
355	7.00	72.19	8.40	86.55	12.40	126.57	18.40	164.83	21.40	213.49	-	-
400	7.90	90.90	9.40	109.40	14.00	161.41	-	210.21	-	-	-	-
450	-	-	10.60	139.39	15.70	204.60	-	-	-	-	-	-
500	-	-	11.80	172.59	17.40	252.34	-	-	-	-	-	-

