



ISO 9001:2008  
TH14 / 8117

**SUPERIOR QUALITY  
SAFETY FOR HEALTH  
HIGH DURABILITY**



# **MIGHTY**

uPVC PIPE

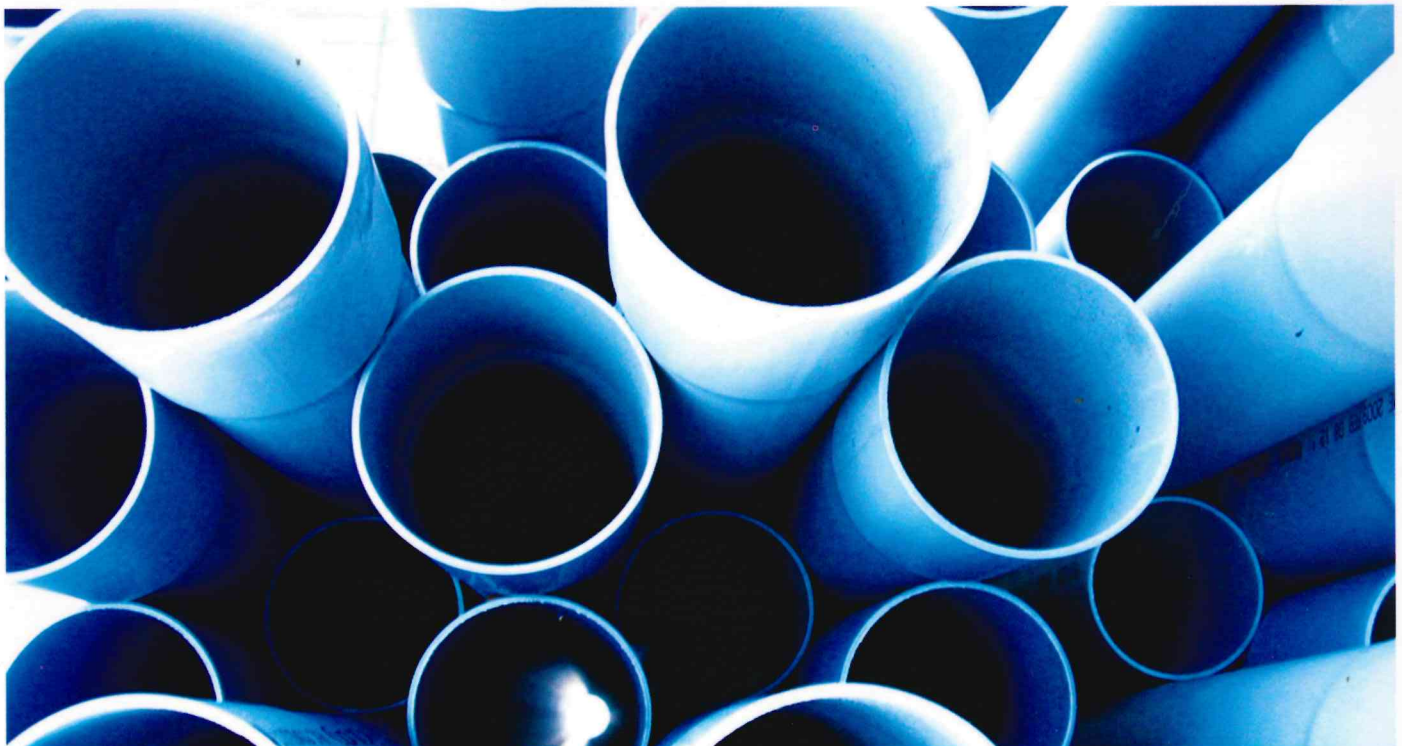
**Comply with International Standard**

**ISO - 1452 : 2009, JIS K 6741 : 2007, TIS - 17 - 2532**

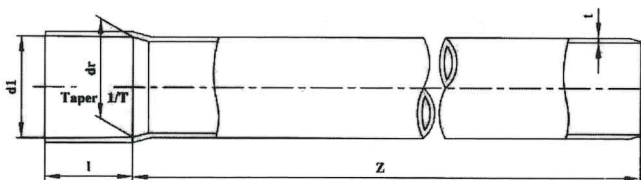


## uPVC PIPE for DRINKING WATER SERVICE WITH BOTH PLAIN END

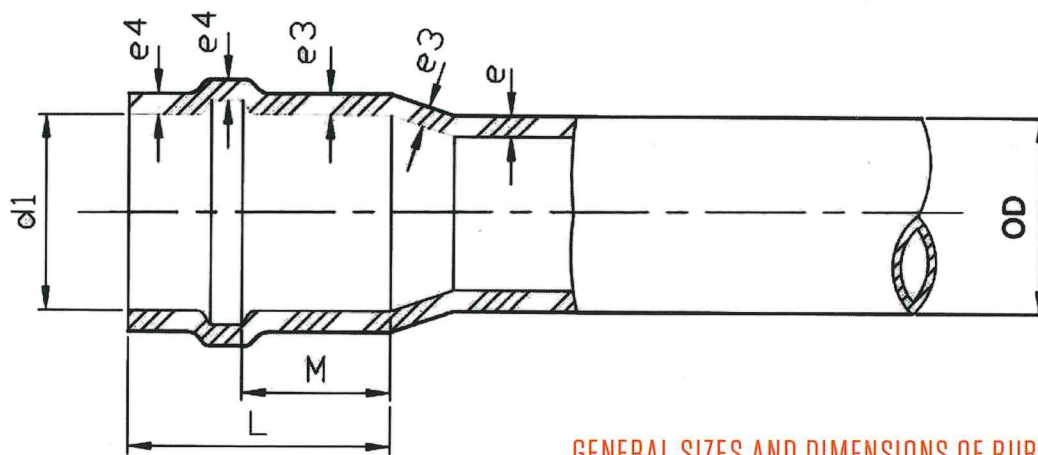
Nominal Size	OD	Thickness			Length	Weight Per Length, (kg)		
		PVC 5	PVC 8.5	PVC 13.5		PVC 5	PVC 8.5	PVC 13.5
18 (½")	22±0.15	-	2.0±0.20	2.5±0.20	-	0.72	0.88	
20 (¾")	26±0.15	-	2.0±0.20	2.5±0.20	-	0.86	1.06	
25 (1")	34±0.15	-	2.0±0.20	3.0±0.25	-	1.15	1.67	
35 (1¼")	42±0.15	1.5±0.15	2.0±0.20	3.1±0.25	1.09	1.44	2.17	
40 (1½")	48±0.15	1.5±0.15	2.3±0.20	3.5±0.25	1.25	1.89	2.8	
55 (2")	60±0.15	1.8±0.20	2.9±0.25	4.3±0.30	1.88	2.98	4.3	
65 (2½")	76±0.20	2.2±0.20	3.5±0.25	5.4±0.35	2.92	4.56	6.85	
80 (3")	89±0.20	2.5±0.20	4.1±0.30	6.4±0.40	3.89	6.26	9.5	
100 (4")	114±0.30	3.2±0.25	5.2±0.35	8.1±0.50	6.37	10.17	15.41	
125 (5")	140±0.30	3.9±0.30	6.4±0.40	9.9±0.55	4000 <sup>+30</sup> <sub>-10</sub>	9.55	15.4	23.23
150 (6")	165±0.40	4.6±0.30	7.5±0.45	11.7±0.65	13.28	21.29	32.37	
200 (8")	216±0.50	5.4±0.35	8.8±0.50	13.7±0.75	20.48	32.87	50.06	
250 (10")	267±0.70	6.6±0.40	10.9±0.60	16.9±0.90	30.96	50.37	76.43	
300 (12")	318±0.80	7.8±0.45	12.9±0.70	20.1±1.05	43.61	71.07	108.4	
350 (14")	370±0.90	9.1±0.55	15.0±0.80	23.4±1.20	59.22	96.22	147.01	
400 (16")	420±1.10	10.3±0.60	17.0±0.90	26.5±1.35	76.12	123.89	189.23	
450 (18")	470±1.20	11.5±0.65	19.0±1.00	29.7±1.50	95.16	155.07	237.58	
500 (20")	520±1.30	12.7±0.70	21.0±1.10	32.8±1.65	116.32	189.78	290.65	
600 (24")	630±1.60	15.3±0.80	25.4±1.30	39.7±2.00	169.97	278.57	427.32	



## uPVC PIPE ONE WITH TS SOCKET



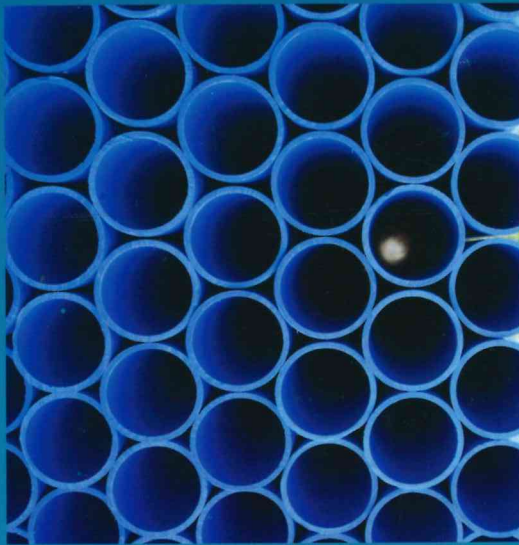
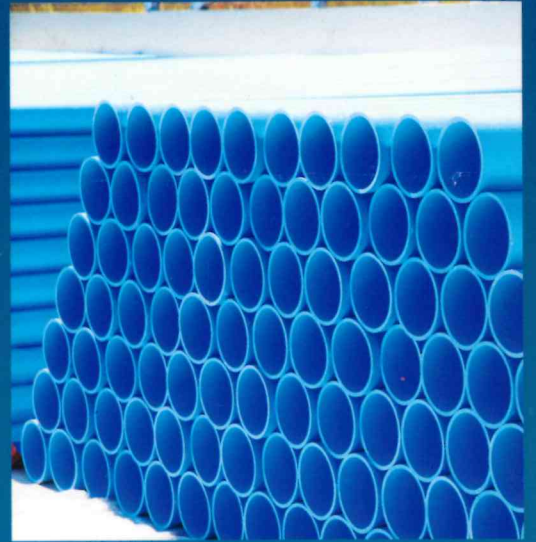
Nominal Size	(DIMENSION OF uPVC PIPE ONE END TS SOCKET)				
	d1	dr	l	1/T	Z(min)
15 (½")	18.4±0.2	17.4±0.3	26	1/30	3,950
18 (½")	22.4±0.2	21.4±0.3	30	1/34	3,945
20 (¾")	26.4±0.2	25.3±0.3	35	1/34	3,940
25 (1")	34.6±0.2	33.3±0.3	41	1/34	3,935
35 (1¼")	42.6±0.2	41.2±0.3	46	1/34	3,930
40 (1½")	48.7±0.3	47.2±0.4	55	1/37	3,920
55 (2")	60.8±0.3	59.0±0.4	63	1/37	3,910
65 (2½")	76.6±0.3	75.2±0.4	63	1/48	3,910
80 (3")	89.6±0.3	88.2±0.4	64	1/49	3,905
100 (4")	114.7±0.3	113.2±0.4	84	1/56	3,885
125 (5")	140.8±0.4	139.0±0.4	104	1/58	3,860
150 (6")	166.0±0.4	163.9±0.4	132	1/63	3,830
200 (8")	217.9±0.8	213.8±0.9	200	1/50	3,750
250 (10")	269.3±0.9	264.2±1.0	250	1/50	3,700
300 (12")	320.7±1.0	314.6±1.1	300	1/50	3,645
350 (14")	373.1±1.0	366.0±1.1	350	1/50	3,595
400 (16")	423.6±1.2	415.5±1.3	400	1/50	3,540
450 (18")	474.0±1.2	464.9±1.3	450	1/50	3,490
500 (20")	524.5±1.3	514.4±1.4	500	1/50	3,435
600 (24")	635.3±2.1	623.2±2.2	600	1/50	3,330



## GENERAL SIZES AND DIMENSIONS OF RUBBER RING SOCKET

Nominal Size	OD	d1	M	L	e			e <sub>3</sub>			e <sub>4</sub>		
					PVC 5	PVC 8.5	PVC 13.5	PVC 5	PVC 8.5	PVC 13.5	PVC 5	PVC 8.5	PVC 13.5
55 (2")	60 ± 0.15	60.40	38	85	1.8 ± 0.20	2.9 ± 0.25	4.3 ± 0.30	1.65	2.85	4.65	1.45	2.40	3.60
65 (2½")	76 ± 0.20	76.40	41	95	2.2 ± 0.20	3.5 ± 0.25	5.4 ± 0.35	2.10	3.60	5.90	1.80	2.95	4.55
80 (3")	89 ± 0.20	89.50	44	110	2.5 ± 0.20	4.1 ± 0.30	6.4 ± 0.40	2.45	4.20	6.90	2.10	3.45	5.40
100 (4")	114 ± 0.30	114.50	50	135	3.2 ± 0.25	5.2 ± 0.35	8.1 ± 0.50	3.10	5.35	8.80	2.70	4.40	6.85
125 (5")	140 ± 0.30	140.60	55	145	3.9 ± 0.30	6.4 ± 0.40	9.9 ± 0.55	3.85	6.55	10.80	3.25	5.40	8.45
150 (6")	165 ± 0.40	165.70	61	155	4.6 ± 0.30	7.5 ± 0.45	11.7 ± 0.65	4.50	7.75	12.75	3.90	6.35	9.95
200 (8")	216 ± 0.50	216.90	72	170	5.4 ± 0.35	8.8 ± 0.50	13.7 ± 0.75	5.25	9.00	14.80	4.55	7.50	11.70
250 (10")	267 ± 0.70	268.10	84	195	6.6 ± 0.40	10.9 ± 0.60	16.9 ± 0.90	6.50	11.15	18.30	5.60	9.30	14.40
300 (12")	318 ± 0.80	319.30	84	220	7.8 ± 0.45	12.9 ± 0.70	20.1 ± 1.05	7.75	13.25	21.80	6.65	11.00	17.15
350 (14")	370 ± 0.90	371.50	90	235	9.1 ± 0.55	15.0 ± 0.80	23.4 ± 1.20	9.00	15.45	25.35	7.70	12.80	20.00
400 (16")	420 ± 1.10	421.70	98	275	10.3 ± 0.60	17.0 ± 0.90	26.5 ± 1.35	10.20	17.50	28.80	8.75	14.50	22.65
450 (18")	470 ± 1.20	471.90	105	285	11.5 ± 0.65	19.0 ± 1.00	29.7 ± 1.50	11.40	19.60	32.20	9.80	16.20	25.40
500 (20")	520 ± 1.30	522.10	113	300	12.7 ± 0.70	21.0 ± 1.10	32.8 ± 1.65	12.65	21.70	35.65	10.80	17.95	28.05
600 (24")	630 ± 1.60	633.80	129	340	15.3 ± 0.80	25.4 ± 1.30	39.7 ± 2.00	15.35	26.30	43.25	13.05	21.70	33.95





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