



# CHENNAI PIPES & VALVES

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## WEIGHT & DIMENSION OF CI. DOUBLE FLANGED PIPES AS PER IS 7181/86 (80MM - 750MM)

SIZE	Barrel OD	Barrel thickness	Mass per metre barrel(kg)	Weight of each flange	Weight of flange pipe (D/F)			Flange OD	P C D	No.of Holes	Hole Dia	Flange thickness	Dia of Bolt	Length of Bolts
					1Metre	2 Metre	2.75 Metre							
80	98.0	10.0	19.8	3.7	27.2	47.0	61.90	200	160	4	19	21.0	16	63
100	118.0	10.5	25.4	4.2	33.8	59.2	78.30	220	180	8	19	22.0	16	66
125	144.0	11.1	33.1	5.3	43.7	76.8	101.60	250	210	8	19	22.5	16	68
150	170.0	11.7	41.6	6.7	55.0	96.6	127.80	285	240	8	23	23.0	20	69
200	222.0	12.8	60.1	9.3	78.7	138.8	183.90	340	295	8	23	24.5	20	74
250	274.0	14.0	81.8	12.0	105.8	187.6	249.00	395	350	12	23	26.0	20	78
300	326.0	15.2	106.1	14.8	135.7	241.8	321.40	445	400	12	23	27.5	20	82
350	378.0	16.3	133.5	19.0	171.5	305.0	405.13	505	460	16	23	29.0	20	87
400	429.0	17.5	162.6	23.4	209.4	372.0	493.95	565	515	16	28	30.0	24	90
450	480.0	18.7	197.0	26.5	250.0	447.0	594.75	615	565	20	28	31.5	24	95
500	532.0	19.8	229.3	32.1	293.5	522.8	694.78	670	620	20	28	33.0	24	100
600	635.0	22.2	306.5	44.0	394.5	701.0	930.88	780	725	20	31	36.0	27	108
700	738.0	24.5	394.3	59.9	514.1	908.5	1240.13	895	840	24	31	38.5	27	115
750	790.0	25.6	443.8	69.7	583.2	1027.0	1359.85	960	900	24	31	40.0	27	120
<b>AS PER IS -1537/76 (350MM - 1500MM) CLASS -----"B"</b>														
350	378.0	14.0	114.5	19.0	152.5	267.0	352.9	505	460	16	23	29.0	20	87
400	429.0	15.0	139.5	23.4	185.3	325.8	430.4	565	515	16	28	30.0	24	90
450	480.0	16.0	169.0	26.5	222.0	391.0	517.8	615	565	20	28	31.5	24	95
500	532.0	17.0	196.7	32.1	260.9	457.6	605.1	670	620	20	28	33.0	24	100
600	635.0	19.0	262.9	44.0	350.9	613.8	811.0	780	725	20	31	36.0	27	108
700	738.0	21.0	338.2	59.9	458.0	796.2	1050.0	895	840	24	31	38.5	27	115
750	790.0	22.0	380.6	69.8	520.2	900.8	1186.3	960	900	24	31	40.0	27	120
800	842.0	23.0	423.1	80.8	584.7	1007.8	1325.1	1015	950	24	34	41.5	30	125
900	945.0	25.0	516.6	94.6	705.8	1222.4	1610.0	1115	1050	28	34	44.0	30	132
1000	1048.0	27.0	619.2	120.0	859.2	1478.4	1943.0	1230	1160	28	37	47.0	33	141
1100	1152.0	29.0	739.0	139.0	1017.0	1756.0	2310.3	1340	1270	32	37	50.0	33	150
1200	1256.0	31.0	851.6	173.0	1197.6	2049.2	2688.0	1455	1380	32	40	53.0	36	159
1500	1567.0	37.0	1333.1	276.2	1885.5	3214.6	4218.4	1800	1710	40	43	61.0	39	183

Weights and Dimensions mentioned are approximate and for Guidance only.