PRODUCT INFORMATION OF HDPE PIPES AS PER IS : 14333/96 SPECIFICATIONS

SPECIFICATION : IS 14333/96 (HIGH DENSITY POLYETHYLENE PIPES FOR SEWERAGE.

GRAND - PE 80 (PROSTATIC DESIGN STREES at 6.3 Map at 20° C to 50 YEARS OF SERVICE

(All Dimensions in Millimeters)

Pipe Size	Tolerence	PN 2.5			PN 4.0			PN 6.0			PN 10.0			PN 8.0		
(MM)	(MM)	MIN. Wt.	Max. Wt.	KG/MTR	MIN. Wt.	Max. Wt.	KG/MTR	MIN. Wt.	Max. Wt.	KG/MTR	MIN. Wt.	Max. Wt.	KG/MTR	MIN. Wt.	Max. Wt.	KG/MTR
63.0	0.6	-	-	-	3.0	3.5	0.586	4.4	5.1	0.836	7.0	7.9	1.250	5.8	6.6	1.064
75.0	0.7	2.3	2.8	0.558	3.6	4.2	0.837	5.3	6.1	1.193	8.4	9.5	1.786	6.9	7.8	1.502
90.0	0.9	2.8	3.3	0.801	4.3	5.0	1.199	6.3	7.2	1.698	10.0	11.2	2.543	8.2	9.3	2.148
110.0	1.0	3.4	4.0	1.187	5.3	6.1	1.795	7.7	8.7	2.520	12.3	13.8	3.821	10.0	11.2	3.182
125.0	1.2	3.8	4.4	1.497	6.0	6.8	2.292	8.8	9.9	3.26	13.9	15.5	4.898	11.4	12.8	4.126
140.0	0.5	4.3	5.0	1.900	6.7	7.6	2.868	9.8	11.0	4.070	15.6	17.4	6.155	12.8	14.3	5.174
160.0	1.5	4.9	5.6	2.453	7.7	8.7	3.758	11.2	12.6	5.322	17.8	19.8	8.018	14.6	16.3	6.745
180.0	1.7	5.5	6.3	3.101	8.6	9.7	4.720	12.6	14.1	6.719	20.0	22.2	10.128	16.4	18.3	8.523
200.0	1.8	6.1	7.0	3.825	9.6	10.8	5.844	14.0	15.6	8.275	22.3	24.8	12.549	18.2	20.3	10.506
225.0	2.1	6.9	7.8	4.830	10.8	12.1	7.383	15.7	17.5	10.447	25.0	27.7	15.81	20.5	22.8	13.296
250.0	2.3	7.6	8.6	5.915	12.0	13.4	9.099	17.5	19.5	12.932	27.8	30.8	19.53	22.8	25.3	16.410
280.0	2.6	8.5	9.6	7.403	13.4	15.0	11.396	19.6	21.8	16.208	31.2	34.6	24.554	25.5	28.3	20.561
315.0	2.9	9.6	10.8	9.386	15.0	16.7	14.315	22.0	24.4	20.441	35.0	38.7	30.957	28.7	31.8	26.012
355.0	3.2	10.8	12.1	11.874	17.0	18.9	18.264	24.8	27.5	25.963	39.5	43.7	39.372	32.3	35.8	32.999
400.0	3.6	12.2	14.3	15.468	19.1	22.2	23.648	28.0	32.4	33.718	44.5	51.4	50.979	36.4	42.1	42.755
450.0	4.1	13.7	16.0	19.507	21.5	25.0	29.954	31.4	36.4	42.591	50.0	57.7	64.427	41.0	47.4	54.163
500.0	4.5	15.2	17.7	24.011	23.9	27.7	36.933	34.9	40.4	52.557	55.6	64.2	79.611	45.5	52.6	66.790
560.0	5.0	17.0	19.8	30.080	26.7	31.0	42.258	39.1	45.2	65.899	-	-	-	51.0	58.9	83.797
630.0	5.7	19.1	22.2	37.984	30.0	34.7	58.367	44.0	50.8	83.378	-	-	-	57.3	66.1	105.881
710.0	5.7	21.6	25.1	48.373	33.9	39.2	74.269	49.6	57.3	105.896	-	-	-	-	-	-
800.0	6.4	24.3	28.2	61.278	38.1	44.1	94.110	55.9	64.5	134.39	-	-	-	-	-	-
900.0	7.2	27.3	31.6	77.349	42.9	49.6	119.139	-	-	-	-	-	-	-	-	-
1000.0	8.1	30.4	35.2	95.717	47.7	55.1	147.122	-	-	-	-	-	-	-	-	-