

**DIMENTION AND WEIGHT OF HDPE PIPES AS PER IS:4984-1995**

**PE80**

Out side Dia (mm)	Tolerance on out side Dia (mm)	Ovality mm	Wall Thickness of Pipe in mm And Weight in Gm. Per Meter																				
			PN 2.5			PN4			PN 6			PN 8			PN 10			PN 12.5			PN 16		
			MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG	MIN	MAX	AVG
20	0.3	1.2																2.30	2.80	2.55	2.80	3.30	3.05
																		122.1	144.5	133.5	144.5	165.3	155.1
25	0.3	1.2													2.30	2.80	2.55	2.80	3.30	3.05	3.50	4.10	3.80
															156.6	186.5	171.7	186.5	214.8	200.8	225.8	257.1	241.7
32	0.3	1.3										2.40	2.90	2.65	3.00	3.50	3.25	3.60	4.20	3.90	4.50	5.20	4.85
												213.1	253.2	233.3	261	299.3	280.3	306.7	350.3	328.8	371.3	418.1	395
40	0.4	1.4							2.30	2.80	2.55	3.00	3.50	3.25	3.70	4.30	4.00	4.50	5.20	4.85	5.60	6.40	6.00
									260.1	312.5	286.5	333	383.3	358.3	402.9	460.5	432	479.3	542.9	511.4	577.9	645.1	612
50	0.5	1.4				2.30	2.80	2.55	2.90	3.40	3.15	3.80	4.40	4.10	4.60	5.30	4.95	5.60	6.40	6.00	6.90	7.80	7.35
						329.1	396.5	363	409.8	475.3	442.7	526.7	601.9	564.6	626.5	710.7	669	745.9	837.1	792	892.2	987.5	940.4
63	0.6	1.5				2.50	3.00	2.75	3.60	4.20	3.90	4.70	5.40	5.05	5.80	6.60	6.20	7.00	7.90	7.45	8.70	9.80	9.25
						453.8	540	497.1	641.5	740.9	691.5	822	933.1	877.9	995.3	1117	1056	1176	1306	1242	1417	1564	1492
75	0.7	1.6				2.90	3.40	3.15	4.30	5.00	4.65	5.60	6.40	6.00	6.90	7.80	7.35	8.40	9.50	8.95	10.40	11.70	11.05
						627.3	730.3	679	912	1050	981.4	1166	1317	1242	1410	1572	1492	1678	1867	1773	2016	2222	2120
90	0.9	1.8	2.30	2.80	2.55	3.50	4.10	3.80	5.10	5.90	5.50	6.70	7.60	7.15	8.20	9.30	8.75	10.00	11.20	10.60	12.50	14.00	13.25
			605.1	732.5	669	908.3	1057	982.7	1299	1489	1394	1674	1879	1777	2012	2252	2133	2400	2648	2525	2906	3192	3051
110	1.0	2.2	2.70	3.20	2.95	4.30	5.00	4.65	6.30	7.20	6.75	8.20	9.30	8.75	10.00	11.20	10.60	12.30	13.80	13.05	15.20	17.00	16.10
			869.1	1025	947.4	1364	1575	1470	1960	2220	2091	2504	2810	2658	3000	3320	3161	3605	3983	3796	4323	4743	4535
125	1.2	2.5	3.10	3.70	3.40	4.90	5.60	5.25	7.10	8.10	7.60	9.30	10.50	9.90	11.40	12.80	12.10	13.90	15.50	14.70	17.30	19.30	18.30
			1134	1346	1240	1765	2006	1886	2511	2841	2677	3228	3607	3418	3885	4308	4098	4633	5092	4864	5590	6120	5858
140	1.3	2.8	3.50	4.10	3.80	5.40	6.20	5.80	8.00	9.00	8.50	10.40	11.70	11.05	12.80	14.30	13.55	15.60	17.40	16.50	19.40	21.60	20.50
			1433	1672	1553	2181	2489	2335	3168	3537	3353	4044	4503	4275	4884	5393	5140	5822	6400	6113	7019	7672	7349
160	1.5	3.2	4.00	4.60	4.30	6.20	7.10	6.65	9.10	10.30	9.70	11.90	13.30	12.60	14.60	16.30	15.45	17.80	19.80	18.80	22.10	24.60	23.35
			1872	2145	2009	2861	3257	3059	4120	4626	4374	5287	5853	5572	6369	7027	6700	7593	8328	7964	9143	9993	9572
180	1.7	3.6	4.40	5.10	4.75	7.00	7.90	7.45	10.20	11.50	10.85	13.40	15.00	14.20	16.40	18.30	17.35	20.00	22.20	21.10	24.90	27.60	26.25
			2318	2676	2497	3633	4079	3856	5196	5813	5506	6697	7425	7063	8049	8877	8466	9600	10509	10058	11586	12619	12108
200	1.8	4.0	4.90	5.60	5.25	7.70	8.70	8.20	11.40	12.80	12.10	14.90	16.60	15.75	18.20	20.30	19.25	22.30	24.80	23.55	27.60	30.60	29.10
			2868	3266	3067	4442	4993	4718	6450	7188	6821	8274	9133	8706	9926	10944	10438	11888	13035	12466	14275	15551	14920
225	2.1	4.5	5.50	6.30	5.90	8.70	9.80	9.25	12.80	14.30	13.55	16.70	18.60	17.65	20.50	22.80	21.65	25.00	27.70	26.35	31.10	34.50	32.80
			3622	4133	3878	5645	6327	5987	8148	9039	8595	10436	11517	10979	12577	13830	13208	15000	16396	15703	18091	19717	18912
250	2.3	5.0	6.10	7.00	6.55	9.70	10.90	10.30	14.20	15.90	15.05	18.60	20.70	19.65	22.80	25.30	24.05	27.80	30.80	29.30	34.50	38.20	36.35
			4463	5103	4784	6993	7819	7407	10045	11167	10608	12912	14240	13579	15540	17055	16302	18531	20254	19400	22304	24272	23299
280	2.6	9.8	6.90	7.80	7.35	10.80	12.10	11.45	15.90	17.70	16.80	20.80	23.10	21.95	25.50	28.30	26.90	31.20	34.60	32.90	38.70	42.80	40.75
			5653	6369	6012	8722	9725	9225	12598	13928	13265	16174	17803	16993	19469	21369	20425	23288	25473	24389	28015	30456	29248
315	2.9	11.1	7.70	8.70	8.20	12.20	13.70	12.95	17.90	19.90	18.90	23.40	26.00	24.70	28.70	31.80	30.25	35.00	38.70	36.85	43.50	48.10	45.80
			7099	7994	7547	11082	12383	11735	15954	17617	16789	20470	22542	21511	24650	27017	25841	29400	32078	30749	35431	38514	36988