IS : 14333:1996
Wall thickness & Weight Chart of Pipes for Material Grade PE-80

DN	Tolerance	Ovality	PN - 2.5					PN - 4					PN - 6					PN - 8				PN - 10				PN - 12.5				PN - 16			
			Thickness		Weight / Mtr.			Thickness		Weight / Mtr.			Thickness		Weight / Mtr.			Thickness		Weight / Mtr.		Thickness		Weight / Mtr.		Thickness		Weight / Mtr.		Thickness		Weight / Mtr.	
			Min	Max	Min	Max		Min	Max	Min	Max		Min	Max	Min	Max		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
63	0.6	1.5						3	3.5	0.536	0.621	0.578	4.4	5.1	0.768	0.880	0.824	5.8	6.6	0.989	1.109	7.0	7.9	1.168	1.297	8.6	9.7	1.394	1.541	10.5	11.8	1.643	1.800
75	0.7	1.6	2.3	2.8	0.498	0.602	0.550	3.6	4.2	0.766	0.886	0.826	5.3	6.1	1.101	1.252	1.177	6.9	7.8	1.400	1.562	8.4	9.5	1.667	1.854	10.2	11.5	1.970	2.176	12.5	14.0	2.328	2.545
90	0.9	1.8	2.8	3.3	0.728	0.853	0.790	4.3	5	1.098	1.266	1.182	6.3	7.2	1.571	1.776	1.674	8.2	9.3	1.999	2.236	10.0	11.2	2.384	2.630	12.2	13.7	2.828	3.115	15.0	16.7	3.352	3.648
110	1.0	2.2	3.4	4.0	1.080	1.263	1.172	5.3	6.1	1.654	1.889	1.771	7.7	8.7	2.347	2.626	2.487	10.0	11.2	2.980	3.297	12.3	13.8	3.581	3.956	14.9	16.6	4.222	4.620	18.4	20.5	5.022	5.467
125	1.2	2.5	3.8	4.4	1.372	1.581	1.477	6	6.8	2.128	2.395	2.261	8.8	9.9	3.047	3.396	3.221	11.4	12.8	3.859	4.280	13.9	15.5	4.602	5.058	16.9	18.8	5.444	5.949	20.9	23.2	6.483	7.038
140	1.3	2.8	4.3	5.0	1.739	2.011	1.875	6.7	7.6	2.661	2.998	2.830	9.8	11.0	3.802	4.228	4.015	12.8	14.3	4.852	5.356	15.6	17.4	5.783	6.357	19.0	21.1	6.851	7.476	23.4	26.0	8.130	8.832
160	1.5	3.2	4.9	5.6	2.265	2.577	2.421	7.7	8.7	3.495	3.922	3.708	11.2	12.6	4.966	5.534	5.250	14.6	16.3	6.326	6.980	17.8	19.8	7.543	8.272	21.7	24.1	8.943	9.760	26.7	29.6	10.606	11.502
180	1.7	3.6	5.5	6.3	2.860	3.261	3.060	8.6	9.7	4.392	4.922	4.657	12.6	14.1	6.285	6.970	6.628	16.4	18.3	7.995	8.818	20.0	22.2	9.536	10.439	24.4	27.1	11.313	12.347	30.0	33.2	13.409	14.523
200	1.8	4.0	6.1	7.0	3.525	4.026	3.775	9.6	10.8	5.447	6.089	5.768	14.0	15.6	7.760	8.572	8.166	18.2	20.3	9.860	10.870	22.3	24.8	11.808	12.947	27.1	30.1	13.962	15.239	33.4	37.0	16.581	17.972
225	2.1	4.5	6.9	7.8	4.484	5.048	4.766	10.8	12.1	6.893	7.676	7.285	15.7	17.5	9.792	10.821	10.306	20.5	22.8	12.492	13.738	25.0	27.7	14.899	16.286	30.5	33.8	17.677	19.258	37.5	41.6	20.952	22.726
250	2.3	5.0	7.6	8.6	5.490	6.186	5.838	12	13.4	8.510	9.447	8.979	17.5	19.5	12.124	13.394	12.759	22.8	25.3	15.436	16.940	27.8	30.8	18.407	20.118	33.8	37.4	21.776	23.694	41.7	46.1	25.883	28.010
280	2.6	9.8	8.5	9.6	6.877	7.735	7.306	13.4	15	10.645	11.845	11.245	19.6	21.8	15.209	16.773	15.991	25.5	28.3	19.339	21.226	31.2	34.6	23.131	25.302	37.9	41.9	27.342	29.728	46.7	51.6	32.466	35.119
315	2.9	11.1	9.6	10.8	8.736	9.790	9.263	15	16.7	13.409	14.845	14.127	22.0	24.4	19.208	21.129	20.169	28.7	31.8	24.485	26.836	35.0	38.7	29.203	31.863	42.6	47.1	34.579	37.600	52.5	58.0	41.066	44.418
355	3.2	12.5	10.8	12.1	11.077	12.364	11.720	17	18.9	17.122	18.929	18.026	24.8	27.5	24.402	26.837	25.620	32.3	35.8	31.060	34.052	39.5	43.7	37.136	40.537	48.0	53.0	43.911	47.696	59.2	65.4	52.181	56.438
400	3.6	14.0	12.2	14.3	14.098	16.435	15.267	19.1	22.2	21.679	24.993	23.336	28.0	32.4	31.038	35.491	33.265	36.4	42.1	39.439	44.899	44.5	51.4	47.141	53.393	54.1	62.5	55.763	62.856				
450	4.1	15.6	13.7	16.0	17.812	20.692	19.252	21.5	25	27.453	31.661	29.557	31.4	36.4	39.167	44.862	42.015	41.0	47.4	49.969	56.865	50.0	57.7	59.597	67.451								
500	4.5	17.5	15.2	17.7	21.958	25.438	23.698	23.9	27.7	33.907	38.985	36.446	34.9	40.4	48.369	55.330	51.849	45.5	52.6	61.623	70.126	55.6	64.2	73.628	83.372								
560	5.0	19.6	17.0	19.8	27.507	31.872	29.690	26.7	31	42.431	48.867	45.649	39.1	45.2	60.691	69.338	65.015	51.0	58.9	77.354	87.950												
630	5.7	22.1	19.1	22.2	34.770	40.208	37.489	30	34.7	53.637	61.555	57.596	44.0	50.8	76.833	87.677	82.255	57.3	66.1	97.786	111.071												
710	6.4	24.9	21.6	25.1	44.309	51.227	47.768	33.9	39.2	68.298	78.356	73.327	49.6	57.3	97.608	111.446	104.527																
800	7.2	28.0	24.3	28.2	56.169	64.856	60.512	38.1	44.1	86.501	99.334	92.917	55.9	64.5	123.948	141.364	132.656																
900	8.1	31.5	27.3	31.2	70.994	80.774	75.884	42.9	49.6	109.568	125.690																						
1000	9.0	35.0	30.4	35.2	87.834	101.199	94.516	47.7	55.1	135.359	155.143																						