IS : 4427

Wall thickness & Weight Chart of Pipes for Material Grade PE-63

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	
20	0.3	1.2																					2.3	2.8	0.122	0.144	0.133	2.8	3.3	0.144	0.165		3.4	4.0	0.169	0.191	
25	0.3	1.2																2.3	2.8	0.156	0.186	0.171	2.8	3.3	0.186	0.214	0.200	3.4	4.0	0.220	0.251		4.2	4.9	0.261	0.294	
32	0.3	1.3											2.3	2.8	0.204	0.244	0.224	3.0	3.5	0.260	0.298	0.279	3.6	4.2	0.306	0.349	0.327	4.4	5.1	0.363	0.410		5.4	6.2	0.429	0.478	
40	0.4	1.4						2	2.4	0.227	0.270	0.248	2.8	3.3	0.311	0.362	0.337	3.7	4.3	0.401	0.459	0.430	4.5	5.2	0.478	0.541	0.509	5.5	6.3	0.567	0.635		6.7	7.6	0.667	0.736	
50	0.5	1.4						2.4	2.9	0.341	0.408	0.375	3.5	4.1	0.487	0.563	0.525	4.6	5.3	0.624	0.708	0.666	5.6	6.4	0.743	0.834	0.789	6.8	7.7	0.878	0.974		8.4	9.5	1.045	1.150	
63	0.6	1.5	2.0	2.4	0.365	0.435	0.400	3	3.5	0.538	0.623	0.580	4.4	5.1	0.771	0.883	0.827	5.8	6.6	0.992	1.113	1.052	7.0	7.9	1.172	1.301	1.237	8.6	9.7	1.399	1.545		10.5	11.8	1.648	1.806	
75	0.7	1.6	2.3	2.8	0.500	0.604	0.552	3.6	4.2	0.768	0.889	0.829	5.3	6.1	1.104	1.256	1.180	6.9	7.8	1.405	1.567	1.486	8.4	9.5	1.672	1.860	1.766	10.2	11.5	1.976	2.183		12.5	14.0	2.335	2.553	
90	0.9	1.8	2.8	3.3	0.730	0.855	0.793	4.3	5	1.102	1.270	1.186	6.3	7.2	1.576	1.782	1.679	8.2	9.3	2.005	2.243	2.124	10.0	11.2	2.391	2.638	2.515	12.2	13.7	2.837	3.125		15.0	16.7	3.363	3.659	
110	1.0	2.2	3.4	4.0	1.083	1.267	1.175	5.3	6.1	1.659	1.895	1.777	7.7	8.7	2.355	2.634	2.495	10.0	11.2	2.989	3.308	3.149	12.3	13.8	3.592	3.968	3.780	14.9	16.6	4.236	4.635		18.4	20.5	5.038	5.485	
125	1.2	2.5	3.8	4.4	1.377	1.586	1.481	6	6.8	2.134	2.403	2.269	8.8	9.9	3.057	3.406	3.231	11.4	12.8	3.871	4.293	4.082	13.9	15.5	4.616	5.074	4.845	16.9	18.8	5.461	5.968		20.9	23.2	6.504	7.060	
140	1.3	2.8	4.3	5.0	1.744	2.018	1.881	6.7	7.6	2.670	3.008	2.839	9.8	11.0	3.814	4.242	4.028	12.8	14.3	4.867	5.373	5.120	15.6	17.4	5.801	6.377	6.089	19.0	21.1	6.872	7.499		23.4	26.0	8.156	8.860	
160	1.5	3.2	4.9	5.6	2.272	2.585	2.428	7.7	8.7	3.506	3.935	3.720	11.2	12.6	4.982	5.552	5.267	14.6	16.3	6.346	7.002	6.674	17.8	19.8	7.566	8.298	7.932	21.7	24.1	8.971	9.790		26.7	29.6	10.639	11.538	
180	1.7	3.6	5.5	6.3	2.869	3.271	3.070	8.6	9.7	4.406	4.938	4.672	12.6	14.1	6.305	6.992	6.649	16.4	18.3	8.020	8.846	8.433	20.0	22.2	9.566	10.472	10.019	24.4	27.1	11.349	12.386		30.0	33.2	13.452	14.569	
200	1.8	4.0	6.1	7.0	3.536	4.039	3.787	9.6	10.8	5.464	6.108	5.786	14.0	15.6	7.784	8.599	8.192	18.2	20.3	9.891	10.905	10.398	22.3	24.8	11.846	12.988	12.417	27.1	30.1	14.007	15.287		33.4	27.0	16.634	13.963	
225	2.1	4.5	6.9	7.8	4.499	5.064	4.781	10.8	12.1	6.915	7.701	7.308	15.7	17.5	9.823	10.855	10.339	20.5	22.8	12.532	13.781	13.156	25.0	27.7	14.946	16.337	15.642	30.5	33.8	17.733	19.318		37.5	41.5	21.018	22.764	
250	2.3	5.0	7.6	8.6	5.507	6.206	5.856	12	13.4	8.537	9.477	9.007	17.5	19.5	12.163	13.436	12.799	22.8	25.3	15.485	16.994	16.239	27.8	30.8	18.465	20.182	19.323	33.8	37.4	21.844	23.768		41.7	46.1	25.965	28.099	
280	2.6	9.8	8.5	9.6	6.899	7.760	7.329	13.4	15	10.679	11.882	11.281	19.6	21.8	15.257	16.826	16.041	25.5	28.3	19.400	21.293	20.346	31.2	34.6	23.204	25.381	24.293	37.9	41.9	27.428	29.822		46.7	51.6	32.569	35.230	
315	2.9	11.1	9.6	10.8	8.764	9.821	9.292	15	16.7	13.452	14.891	14.172	22.0	24.4	19.269	21.196	20.232	28.7	31.8	24.562	26.921	25.742	35.0	38.7	29.295	31.964	30.629	42.6	47.1	34.688	37.719		52.5	58.0	41.196	44.558	
355	3.2	12.5	10.8	12.1	11.112	12.403	11.758	17	18.9	17.176	18.989	18.083	24.8	27.5	24.479	26.922	25.701	32.3	35.8	31.158	34.160	32.659	39.5	43.7	37.253	40.666	38.959	48.0	53.0	44.050	47.846		59.2	65.4	52.346	56.616	
400	3.6	14.0	12.2	14.3	14.143	16.487	15.315	19.1	22.2	21.748	25.072	23.410	28.0	32.4	31.136	35.603	33.370	36.4	42.1	39.563	45.041	42.302	44.5	51.4	47.290	53.562	50.426	54.1	62.5	55.939	63.055						
450	4.1	15.6	13.7	16.0	17.868	20.758	19.313	21.5	25	27.539	31.761	29.650	31.4	36.4	39.291	45.004	42.147	41.0	47.4	50.127	57.045	53.586	50.0	57.7	59.786	67.664	63.725										
500	4.5	17.5	15.2	17.7	22.028	25.519	23.773	23.9	27.7	34.014	39.108	36.561	34.9	40.4	48.522	55.504	52.013	45.5	52.6	61.818	70.347	66.083	55.6	64.2	73.861	83.635	78.748										
560	5.0	19.6	17.0	19.8	27.594	31.973	29.784	26.7	31	42.565	49.021	45.793	39.1	45.2	60.883	69.557	65.220	51.0	58.9	77.599	88.228	82.913															
630	5.7	22.1	19.1	22.2	34.879	40.335	37.607	30	34.7	53.807	61.749	57.778	44.0	50.8	77.076	87.955	82.515	57.3	66.1	98.095	111.422	104.759															
710	6.4	24.9	21.6	25.1	44.449	51.389	47.919	33.9	39.2	68.514	78.604	73.559	49.6	57.3	97.916	111.798	104.857																				
800	7.2	28.0	24.3	28.2	56.346	65.061	60.704	38.1	44.1	86.774	99.648	93.211	55.9	64.5	124.340	141.811	133.075																				
900	8.1	31.5	27.3	31.6	71.219	82.030	76.624	42.9	49.6	109.915	126.087	118.001																									
1000	9.0	35.0	30.4	35.2	88.112	101.519	94.815	47.7	55.1	135.787	155.634	145.711																									