

IS : 14151

Wall thickness & Weight Chart of Pipes for Material

DN	Tolerance	Ovelity	Class - 1 (0.25 Mpa)				Class - 2 (0.32 Mpa)				Class - 3 (0.4 Mpa)				Class - 4 (0.6 Mpa)			
			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
40.0	0.4	(+) 1.4													2.3	2.8	0.258	0.310
50.0	0.5	(+) 1.4									2.0	2.4	0.286	0.340	2.9	3.4	0.407	0.472
63.0	0.6	(+) 1.5					2	2.4	0.364	0.433	2.5	2.9	0.451	0.519	3.8	4.4	0.670	0.768
75.0	0.7	(+) 1.6	2.0	2.4	0.435	0.519	2.5	2.9	0.540	0.623	3.0	3.4	0.644	0.725	4.5	5.2	0.945	1.082
90.0	0.8	(+) 1.8	2.2	2.6	0.576	0.677	2.9	3.4	0.753	0.877	3.5	4.1	0.902	1.049	5.3	6.1	1.338	1.525
110.0	1.0	(+) 2.2	2.7	3.2	0.863	1.018	3.4	3.9	1.080	1.233	4.2	4.8	1.324	1.505	6.5	7.4	2.005	2.262
125.0	1.2	(+) 2.5	3.1	3.6	1.126	1.302	3.8	4.5	1.372	1.616	4.8	5.5	1.719	1.959	7.4	8.3	2.593	2.886
140.0	1.3	(+) 2.8	3.5	4.1	1.424	1.660	4.3	5	1.739	2.011	5.4	6.1	2.166	2.434	8.3	9.3	3.257	3.622
160.0	1.5	(+) 3.2	3.9	4.5	1.814	2.085	4.9	5.6	2.265	2.577	6.2	7.0	2.841	3.191	9.4	10.6	4.218	4.719
180.0	1.7	(+) 3.6	4.4	5.0	2.302	2.607	5.5	6.3	2.860	3.261	6.9	7.8	3.559	4.002	10.6	11.9	5.351	5.961
200.0	1.8	(+) 4.0	4.9	5.6	2.849	3.244	6.1	7	3.525	4.026	7.7	8.7	4.412	4.959	11.8	13.2	6.618	7.348