

WALL THICKNESS & UNIT WEIGHT OF PIPES AS PER IS: 4984 - 2016																																	
SDR		SDR 41			SDR 33			SDR 26			SDR 21			SDR 17			SDR 13.6			SDR 11			SDR 9			SDR 7.4			SDR 6				
Nominal Pressure, PN Bar																																	
PE 63		PN 2			PN 2.5			PN 3.2			PN 4			PN 5			PN 6			PN 8													
PE 80		PN 2.5			PN 3.2			PN 4			PN 5			PN 6			PN 8			PN 10			PN 12.5			PN 16			PN 20				
PE100		PN 3			PN 4			PN 5			PN 6			PN 8			PN 10			PN 12.5			PN 16			PN 20							
Size	Toler.	THICKNESS		W/M	THICKNESS		W/M	THICKNESS		W/M	THICKNESS		W/M	THICKNESS		W/M	THICKNESS		W/M	THICKNESS		W/M	THICKNESS		W/M	THICKNESS		W/M	THICKNESS		W/M		
mm OD	on OD	Min	Max	(Kg/m)	Min	Max	(Kg/m)	Min	Max	(Kg/m)	Min	Max	(Kg/m)	Min	Max	(Kg/m)	Min	Max	(Kg/m)	Min	Max	(Kg/m)	Min	Max	(Kg/m)	Min	Max	(Kg/m)	Min	Max	(Kg/m)		
16	0.3																								1.8	2.1	0.084	2.2	2.5	0.099	2.7	3.1	0.117
20	0.3																			1.9	2.2	0.113	2.3	2.6	0.132	2.7	3.1	0.152	3.4	3.8	0.181		
25	0.3																1.9	2.2	0.144	2.3	2.6	0.169	2.8	3.2	0.202	3.4	3.8	0.236	4.2	4.7	0.280		
32	0.3													1.9	2.2	0.188	2.4	2.7	0.230	2.9	3.3	0.274	3.6	4.1	0.332	4.4	4.9	0.389	5.4	6.0	0.459		
40	0.4										1.9	2.2	0.238	2.4	2.7	0.292	3.0	3.4	0.361	3.7	4.2	0.436	4.5	5.1	0.517	5.4	6.0	0.599	6.7	7.5	0.715		
50	0.4							2.0	2.3	0.315	2.4	2.7	0.370	3.0	3.4	0.458	3.7	4.2	0.556	4.6	5.2	0.676	5.6	6.3	0.802	6.8	7.6	0.943	8.4	9.3	1.114		
63	0.4							2.5	2.9	0.498	3.0	3.4	0.585	3.7	4.2	0.713	4.7	5.3	0.886	5.8	6.5	1.069	7.0	7.8	1.258	8.6	9.6	1.499	10.5	11.7	1.761		
75	0.5	1.9	2.2	0.457	2.3	2.6	0.543	2.9	3.3	0.681	3.6	4.1	0.837	4.5	5.1	1.030	5.6	6.3	1.256	6.9	7.7	1.511	8.4	9.3	1.790	10.2	11.3	2.112	12.5	13.9	2.494		
90	0.6	2.2	2.5	0.630	2.8	3.2	0.798	3.5	4.0	0.989	4.3	4.8	1.189	5.3	5.9	1.445	6.7	7.4	1.788	8.2	9.1	2.151	10.0	11.1	2.563	12.2	13.5	3.031	15.0	16.6	3.584		
110	0.7	2.7	3.1	0.949	3.4	3.8	1.171	4.3	4.8	1.467	5.3	6.0	1.802	6.5	7.3	2.174	8.1	9.0	2.651	10.0	11.1	3.207	12.3	13.6	3.842	14.9	16.5	4.526	18.4	20.3	5.362		
125	0.8	3.1	3.5	1.228	3.8	4.3	1.497	4.8	5.4	1.869	6.0	6.7	2.303	7.4	8.2	2.794	9.2	10.2	3.419	11.4	12.7	4.160	13.9	15.4	4.942	16.9	18.7	5.833	20.9	23.1	6.927		
140	0.9	3.5	4.0	1.562	4.3	4.8	1.884	5.4	6.0	2.340	6.7	7.5	2.884	8.3	9.2	3.510	10.3	11.4	4.283	12.8	14.2	5.220	15.6	17.3	6.213	19.0	21.0	7.337	23.4	25.8	8.679		
160	1.0	3.9	4.4	1.977	4.9	5.5	2.460	6.2	6.9	3.072	7.7	8.6	3.782	9.5	10.6	4.606	11.8	13.1	5.615	14.6	16.2	6.806	17.8	19.7	8.095	21.7	24.0	9.579	26.7	29.5	11.329		
180	1.1	4.4	4.9	2.492	5.5	6.2	3.113	7.0	7.8	3.903	8.6	9.6	4.753	10.6	11.8	5.778	13.3	14.7	7.103	16.4	18.1	8.581	20.0	22.1	10.226	24.4	26.9	12.101	30.0	33.1	14.316		
200	1.2	4.9	5.5	3.096	6.1	6.8	3.815	7.7	8.6	4.778	9.6	10.7	5.889	11.8	13.1	7.136	14.7	16.3	8.740	18.2	20.1	10.584	22.3	24.6	12.653	27.1	29.9	14.938	33.4	36.8	17.690		
225	1.4	5.5	6.2	3.918	6.9	7.7	4.857	8.7	9.7	6.068	10.8	12.0	7.442	13.3	14.7	9.029	16.6	18.4	11.099	20.5	22.7	13.428	25.0	27.6	15.973	30.5	33.7	18.927	37.5	41.4	22.375		
250	1.5	6.1	6.8	4.801	7.6	8.5	5.952	9.7	10.8	7.510	12.0	13.3	9.176	14.7	16.3	11.108	18.4	20.3	13.640	22.8	25.2	16.577	27.8	30.7	19.734	33.8	37.3	23.300	41.7	46.0	27.628		
280	1.7	6.9	7.7	6.084	8.5	9.5	7.454	10.8	12.0	9.358	13.4	14.8	11.458	16.5	18.3	13.964	20.6	22.8	17.130	25.5	28.2	20.774	31.2	34.4	24.781	37.9	41.8	29.250	46.7	51.5	34.652		
315	1.9	7.7	8.6	7.643	9.6	10.7	9.456	12.2	13.5	11.866	15.0	16.6	14.447	18.6	20.6	17.694	23.2	25.6	21.670	28.7	31.7	26.286	35.0	38.6	31.290	42.6	47.0	36.997	52.5	57.9	43.832		
355	2.2	8.7	9.7	9.723	10.8	12.0	11.972	13.7	15.2	15.040	16.9	18.7	18.345	20.9	23.1	22.391	26.1	28.8	27.481	32.3	35.6	33.315	39.5	43.6	39.808	48.0	52.9	46.964	59.2	65.2	55.670		
400	2.4	9.8	10.9	12.325	12.2	13.5	15.204	15.4	17.0	19.001	19.1	21.1	23.336	23.6	26.1	28.490	29.5	32.6	35.011	36.4	40.1	42.289	44.5	49.1	50.519	54.1	59.6	59.623	66.7	73.5	70.682		