

Polyethylene Pipe Weight Chart

Below you can find a handy PE100 pipe weight chart for diameters, wall thicknesses and weights per metre from 20mm all the way up to 1600mm listing a range of pipe SDR's from SDR 7.4 (PN25) to SDR 51 (PN3.2).

Our plastic pipe weight chart is a useful tool designed to help installers and designers estimate transport and installation weights. We recommend that you bookmark/save this page for quick/easy reference.

*Exact pipe weights and densities should be sought from the pipe manufacturers. egeplast ireland ltd cannot be held liable for any information in this table.



SDR	SDR	7.4	SDR	9.0	SDR	11	SDR	13.6	SDR	17	SDR	21	SDR	22	SDR	26	SDR	33	SDR	41	SDR	51
PE100	PN	25	PN	20	PN	16	PN	12.5	PN	10	PN	8.0	PN	7.5	PN	6.3	PN	5.0	PN	4.0	PN	3.2
PE80	PN	20	PN	16	PN	12.5	PN	10.0	PN	7.5	PN	6.5	PN	6.0	PN	5.0	PN	4.0	PN	3.2	PN	2.5
OD mm	mm wall thickness	kg/m	mm wall thickness	kg/m	mm wall thickness	kg/m	mm wall thickness	kg/m	mm wall thickness	kg/m	mm wall thickness	kg/m	mm wall thickness	kg/m	mm wall thickness	kg/m	mm wall thickness	kg/m	mm wall thickness	kg/m	mm wall thickness	kg/m
20	3.0	0.162	2.3	0.132	2.0	0.116																
25	3.5	0.24	2.8	0.199	2.3	0.17	2.0	0.148														
32	4.4	0.387	3.6	0.327	3	0.278	2.4	0.231	2.0	0.194												
40	5.5	0.603	4.5	0.51	3.7	0.429	3	0.355	2.4	0.293	2.0	0.245	1.9	0.235	1.8	0.224						
50	6.9	0.94	5.6	0.79	4.6	0.666	3.7	0.549	3.0	0.452	2.4	0.372	2.3	0.358	2.0	0.31	1.8	0.283				
63	8.6	1.479	7.1	1.263	5.8	1.054	4.7	0.875	3.8	0.72	3	0.577	2.9	0.56	2.5	0.491	2.0	0.395	1.8	0.359		
75	10.3	2.107	8.4	1.774	6.8	1.472	5.6	1.239	4.5	1.016	3.6	0.826	3.5	0.806	2.9	0.672	2.3	0.547	1.9	0.451	1.8	0.43
90	12.3	3.019	10.1	2.559	8.2	2.133	6.7	1.775	5.4	1.461	4.3	1.185	4.1	1.136	3.5	0.975	2.8	0.787	2.2	0.634	1.8	0.518
110	15.1	4.524	12.3	3.803	10	3.164	8.1	2.63	6.6	2.174	5.3	1.778	5	1.674	4.2	1.432	3.4	1.171	2.7	0.937	2.2	0.779
125	17.1	5.822	14	4.904	11.4	4.105	9.2	3.389	7.4	2.774	6.0	2.272	5.7	2.17	4.8	1.844	3.9	1.513	3.1	1.229	2.5	0.996
140	19.2	7.313	15.7	6.162	12.7	5.116	10.3	4.244	8.3	3.482	6.7	2.846	6.4	2.732	5.4	2.328	4.3	1.878	3.5	1.541	2.8	1.24
160	21.9	9.52	17.9	8.024	14.6	6.176	11.8	5.54	9.5	4.545	7.7	3.732	7.3	3.559	6.2	3.053	4.9	2.428	4	1.996	3.2	1.629
180	24.6	12.037	20.1	10.153	16.4	8.489	13.3	7.032	10.7	5.749	8.6	4.69	8.2	4.495	6.9	3.802	5.5	3.073	4.4	2.485	3.6	2.045
200	27.4	14.892	22.4	12.555	18.2	10.469	14.7	8.625	11.9	7.095	9.6	5.812	9.1	5.54	7.7	4.716	6.2	3.85	4.9	3.055	3.9	2.451
225	30.8	18.82	25.2	15.89	20.5	13.25	16.6	10.952	13.4	8.998	10.8	7.344	10.3	7.038	8.6	5.925	6.9	4.793	5.5	3.867	4.4	3.123
250	34.2	23.235	27.9	19.531	22.7	16.297	18.4	13.492	14.8	11.028	11.9	8.987	11.4	8.648	9.6	7.342	7.7	5.945	6.2	4.845	4.9	3.839
280	28.3	29.134	31.3	24.551	25.4	20.431	20.6	16.905	16.6	13.854	13.4	11.345	12.8	10.851	10.7	9.157	8.6	7.435	6.9	6.004	5.5	4.837
315	43.1	36.881	35.2	31.058	28.6	25.863	23.2	21.425	18.7	17.545	15	14.257	14.4	13.743	12.1	11.666	9.7	9.421	7.7	7.542	6.2	6.139
355	48.5	46.759	39.7	39.443	32.2	32.829	26.1	27.162	21.1	22.329	16.9	18.102	16.2	17.426	13.6	14.743	10.9	11.914	8.7	9.595	7	7.809
400	54.7	59.395	44.7	50.037	36.3	41.682	29.4	34.448	23.7	28.222	19.1	23.084	18.2	22.051	15.3	18.696	12.3	15.173	9.8	12.163	7.9	9.863
450	61.5	25.039	50.3	63.354	40.9	52.782	33.1	43.634	26.7	35.755	21.5	29.193	20.5	27.908	17.2	23.639	13.8	19.108	11	15.337	8.8	12.361
500	68.3	92.778	55.8	78.068	45.4	65.129	36.8	53.841	29.7	44.179	23.9	36.018	22.8	34.454	19.1	29.161	15.3	23.567	12.3	19.094	9.8	15.284
560			62.5	98.008	50.8	81.588	41.2	67.547	33.2	55.344	26.7	45.077	25.5	43.173	21.4	36.552	17.2	29.66	13.7	23.775	11	19.186
630					57.2	103.375	46.3	85.379	37.4	70.096	30	56.944	28.7	54.63	24.1	46.315	19.3	37.417	15.4	30.079	12.3	24.191
710					64.5	131.404	52.2	108.468	42.1	88.981	33.9	72.505	32.3	69.318	27.2	58.873	21.8	47.555	17.4	38.277	13.9	30.518
800							58.8	137.691	47.4	112.781	38.1	91.901	36.4	87.984	30.6	74.563	24.5	60.241	19.6	48.537	15.7	39.105
900							66.1	173.193	53.3	142.664	42.9	116.282	41	111.385	34.4	94.307	27.6	76.306	22	61.221	17.6	49.313
1000									59.3	176.451	47.7	143.664	45.5	137.407	38.2	116.366	30.6	93.986	24.5	75.803	19.6	60.993
1200									71.1	253.678	57.2	206.778	54.6	197.8	45.9	167.601	36.7	135.204	29.4	109.123	23.5	87.726
1400															53.5	228	42.9	184	34.3	149		
1600															61.2	298	49	241	39.2	194		