

# HDPE Dimensions and Weights



PE63 (5MPa) SABS 533			PN 8				PN 10				PN 12.5				PN 16				PN 20			
PE80 (6.3MPa) ISO 4427			PN 10				PN 12.5				PN 16				PN 20				PN 25			
PE100 (10MPa) ISO 4427			PN 12.5				PN 16				PN 20				PN 25				PN 34			
Standard Dimension Ratio			SDR 13.6				SDR 11				SDR 9				SDR 7.4				SDR 6			
OD			WALL THICKNESS			MASS kg/m	WALL THICKNESS			MASS kg/m	WALL THICKNESS			MASS kg/m	WALL THICKNESS			MASS kg/m	WALL THICKNESS			MASS kg/m
MIN	AVE	MAX	MIN	AVE	MAX		MIN	AVE	MAX		MIN	AVE	MAX		MIN	AVE	MAX		MIN	AVE	MAX	
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	
16.0	16.15	16.3								2.0	2.15	2.3	0.091	2.3	2.50	2.7	0.103	3.0	3.20	3.4	0.125	
20.0	20.15	20.3					2.0	2.15	2.3	0.116	2.3	2.50	2.7	0.133	3.0	3.20	3.4	0.163	3.4	3.65	3.9	0.181
25.0	25.15	25.3	2.0	2.15	2.3	0.149	2.3	2.50	2.7	0.170	3.0	3.20	3.4	0.211	3.5	3.75	4.0	0.242	4.2	4.40	4.6	0.275
32.0	32.15	32.3	2.4	2.60	2.8	0.231	3.0	3.20	3.4	0.279	3.6	3.85	4.1	0.328	4.4	4.70	5.0	0.388	5.4	5.75	6.1	0.457
40.0	40.20	40.4	3.0	3.25	3.5	0.361	3.7	3.95	4.2	0.431	4.5	4.80	5.1	0.511	5.5	5.85	6.2	0.605	6.7	7.10	7.5	0.707
50.0	50.20	50.4	3.7	3.95	4.2	0.550	4.6	4.90	5.2	0.668	5.6	5.95	6.3	0.792	6.9	7.30	7.7	0.943	8.3	8.80	9.3	1.096
63.0	63.20	63.4	4.7	5.00	5.3	0.876	5.8	6.15	6.5	1.056	7.1	7.55	8.0	1.265	8.6	9.10	9.6	1.482	10.5	11.10	11.7	1.741
75.0	75.25	75.5	5.6	5.95	6.3	1.241	6.8	7.20	7.6	1.475	8.4	8.90	9.4	1.777	10.3	10.90	11.5	2.111	12.5	13.20	13.9	2.465
90.0	90.30	90.6	6.7	7.10	7.5	1.778	8.2	8.70	9.2	2.137	10.1	10.70	11.3	2.563	12.3	13.00	13.7	3.024	15.0	15.85	16.7	3.551
110.0	110.35	110.7	8.1	8.60	9.1	2.634	10.0	10.55	11.1	3.169	12.3	13.00	13.7	3.809	15.1	15.95	16.8	4.532	18.3	19.30	20.3	5.289
125.0	125.40	125.8	9.2	9.75	10.3	3.394	11.4	12.05	12.7	4.111	14.0	14.80	15.6	4.926	17.1	18.05	19.0	5.832	20.8	21.90	23.0	6.822
140.0	140.45	140.9	10.3	10.90	11.5	4.250	12.7	13.40	14.1	5.124	15.7	16.55	17.4	6.171	19.2	20.25	21.3	7.326	23.3	24.55	25.8	8.563
160.0	160.50	161.0	11.8	12.45	13.1	5.547	14.6	15.40	16.2	6.725	17.9	18.85	19.8	8.036	21.9	23.05	24.2	9.535	26.6	28.00	29.4	11.166
180.0	180.55	181.1	13.3	14.05	14.8	7.041	16.4	17.30	18.2	8.500	20.1	21.20	22.3	10.167	24.6	25.90	27.2	12.055	29.9	31.45	33.0	14.113
200.0	200.60	201.2	14.7	15.50	16.3	8.635	18.2	19.20	20.2	10.482	22.4	23.60	24.8	12.572	27.4	28.85	30.3	14.913	33.2	34.95	36.7	17.424
225.0	225.70	226.4	16.6	17.50	18.4	10.966	20.5	21.60	22.7	13.268	25.2	26.55	27.9	15.913	30.8	32.40	34.0	18.849	37.4	39.35	41.3	22.069
250.0	250.75	251.5	18.4	19.40	20.4	13.508	22.7	23.90	25.1	16.317	27.9	29.35	30.8	19.557	34.2	36.00	37.8	23.268	41.5	43.65	45.8	27.207
280.0	280.85	281.7	20.6	21.70	22.8	16.925	25.4	26.75	28.1	20.457	31.3	32.95	34.6	24.584	38.3	40.30	42.3	29.176	46.5	48.90	51.3	34.136
315.0	315.95	316.9	23.2	24.45	25.7	21.450	28.6	30.10	31.6	25.895	35.2	37.05	38.9	31.099	43.1	45.35	47.6	36.933	52.3	55.00	57.7	43.195
355.0	356.10	357.2	26.1	27.50	28.9	27.197	32.2	33.90	35.6	32.873	39.7	41.75	43.8	39.499	48.5	51.00	53.5	46.830	59.0	62.00	65.0	54.878
400.0	401.20	402.4	29.4	30.95	32.5	34.488	36.3	38.20	40.1	41.734	44.7	47.00	49.3	50.103	54.7	57.50	60.3	59.479				
450.0	451.35	452.7	33.1	34.85	36.6	43.685	40.9	43.00	45.1	52.846	50.3	52.90	55.5	63.437	61.5	64.65	67.8	75.242				
500.0	501.50	503.0	36.8	38.70	40.6	53.904	45.4	47.75	50.1	65.209	55.8	58.65	61.5	78.170								
560.0	561.70	563.4	41.2	43.35	45.5	67.628	50.8	53.40	56.0	81.691	62.5	65.70	68.9	98.076								
630.0	631.90	633.8	46.3	48.70	51.1	85.479	57.2	60.15	63.1	103.504	70.3	73.90	77.5	124.106								