

HDPE Dimensions and Weights



PE63 (5MPa) SABS 533			PN 2.5				PN 3.2				PN 4				PN 5				PN 6.3							
PE80 (6.3MPa) ISO 4427			PN 3.2				PN 4				PN 5				PN 6.3				PN 8							
PE100 (10MPa) ISO 4427			PN 4				PN 5				PN6.3				PN 8				PN 10							
Standard Dimension Ratio			SDR 41				SDR 33				SDR 26				SDR 21				SDR 17							
OD			WALL THICKNESS			MASS	WALL THICKNESS			MASS	WALL THICKNESS			MASS	WALL THICKNESS			MASS	WALL THICKNESS			MASS				
MIN	AVE	MAX	MIN	AVE	MAX		MIN	AVE	MAX		MIN	AVE	MAX		MIN	AVE	MAX		MIN	AVE	MAX		MIN	AVE	MAX	
mm		mm	mm		mm	kg/m	mm		mm	kg/m	mm		mm	kg/m	mm		mm	kg/m	mm		mm	kg/m				
16.0	16.15	16.3																								
20.0	20.15	20.3																								
25.0	25.15	25.3																								
32.0	32.15	32.3																		2.0	2.15	2.3	0.194			
40.0	40.20	40.4												2.0	2.15	2.3	0.246			2.4	2.60	2.8	0.294			
50.0	50.20	50.4											2.0	2.15	2.3	0.311			2.4	2.60	2.8	0.372	3.0	3.20	3.4	0.453
63.0	63.20	63.4											2.5	2.70	2.9	0.492			3.0	3.20	3.4	0.578	3.8	4.05	4.3	0.721
75.0	75.25	75.5											2.9	3.10	3.3	0.673			3.6	3.85	4.1	0.827	4.5	4.80	5.1	1.018
90.0	90.30	90.6											3.5	3.75	4.0	0.977			4.3	4.60	4.9	1.186	5.4	5.75	6.1	1.463
110.0	110.35	110.7											4.2	4.50	4.8	1.434			5.3	5.65	6.0	1.780	6.6	7.00	7.4	2.177
125.0	125.40	125.8											4.8	5.10	5.4	1.847			6.0	6.35	6.7	2.275	7.4	7.85	8.3	2.777
140.0	140.45	140.9											5.4	5.75	6.1	2.331			6.7	7.10	7.5	2.849	8.3	8.80	9.3	3.487
160.0	160.50	161.0											6.2	6.60	7.0	3.057			7.7	8.15	8.6	3.737	9.5	10.05	10.6	4.551
180.0	180.55	181.1											6.9	7.30	7.7	3.806			8.6	9.10	9.6	4.696	10.7	11.30	11.9	5.756
200.0	200.60	201.2											7.7	8.15	8.6	4.721			9.6	10.15	10.7	5.818	11.9	12.55	13.2	7.103
225.0	225.70	226.4											8.6	9.10	9.6	5.932			10.8	11.40	12.0	7.353	13.4	14.15	14.9	9.009
250.0	250.75	251.5											9.6	10.15	10.7	7.350			11.9	12.55	13.2	8.997	14.8	15.60	16.4	11.040
280.0	280.85	281.7											10.7	11.30	11.9	9.167			13.4	14.15	14.9	11.358	16.6	17.50	18.4	13.870
315.0	315.95	316.9	7.7	8.15	8.6	7.550	9.7	10.25	10.8	9.430	12.1	12.80	13.5	11.678	15.0	15.80	16.6	14.273	18.7	19.70	20.7	17.565				
355.0	356.10	357.2	8.7	9.20	9.7	9.605	10.9	11.50	12.1	11.927	13.6	14.35	15.1	14.760	16.9	17.80	18.7	18.123	21.1	22.25	23.4	22.356				
400.0	401.20	402.4	9.8	10.35	10.9	12.175	12.3	13.00	13.7	15.188	15.3	16.15	17.0	18.716	19.1	20.15	21.2	23.109	23.7	24.95	26.2	28.253				
450.0	451.35	452.7	11.0	11.60	12.2	15.352	13.8	14.55	15.3	19.128	17.2	18.15	19.1	23.664	21.5	22.65	23.8	29.224	26.7	28.10	29.5	35.795				
500.0	501.50	503.0	12.3	13.00	13.7	19.113	15.3	16.15	17.0	23.591	19.1	20.15	21.2	29.191	23.9	25.15	26.4	36.056	29.7	31.25	32.8	44.228				
560.0	561.70	563.4	13.7	14.45	15.2	23.800	17.2	18.15	19.1	29.691	21.4	22.55	23.7	36.591	26.7	28.10	29.5	45.127	33.2	34.95	36.7	55.407				
630.0	631.90	633.8	15.4	16.25	17.1	30.109	19.3	20.35	21.4	37.455	24.1	25.40	26.7	46.364	30.0	31.55	33.1	57.006	37.4	39.35	41.3	70.175				