



ADS Corrugated HDPE Pipe Dimension

Nominal Diameter	Inside Diameter, Average	Outside Diameter, Average	Inner Liner Thickness, Minimum	Minimum Pipe Stiffness @ 5% Deflection	Weight kg./6m (lb./20 ft.)
100 mm (4")	104 mm (4.10")	120 mm (4.78")	0.5 mm (0.020")	340 kN/m ² 50 p i	4.08 kg (9.00 lb)
150 mm (6")	152 mm (6.00")	176 mm (6.92")	0.5 mm (0.020")	340 kN/m ² 50 p i	7.71 kg (17.00 lb)
200 mm (8")	200 mm (7.90")	233 mm (9.11")	0.6 mm (0.024")	340 kN/m ² 50 p i	13.97 kg (30.80 lb)
250 mm (10")	251 mm (9.90")	287 mm (11.36")	0.6 mm (0.024")	340 kN/m ² 50 p i	20.96 kg (46.20 lb)
300 mm (12")	308 mm (12.15")	367 mm (14.45")	0.9 mm (0.035")	345 kN/m ² 50 p i	29.60 kg (65.20 lb)
375 mm (15")	380 mm (14.98")	448 mm (17.57")	1.0 mm (0.039")	290 kN/m ² 42 p i	42.00 kg (92.50 lb)
450 mm (18")	459 mm (18.07")	536 mm (21.20")	1.3 mm (0.051")	275 kN/m ² 40 p i	58.38 kg (128.60 lb)
600 mm (24")	612 mm (24.08")	719 mm (27.80")	1.5 mm (0.059")	235 kN/m ² 34 p i	99.93 kg (220.30 lb)
750 mm (30")	762 mm (30.00")	892 mm (35.10")	1.5 mm (0.059")	195 kN/m ² 28 p i	140.00 kg (308.6 lb)
900 mm (36")	914 mm (36.00")	1059 mm (41.70")	1.7 mm (0.067")	150 kN/m ² 22 p i	180.00 kg (396.8 lb)
1050 mm (42")	1054 mm (41.40")	1212 mm (47.70")	1.8 mm (0.070")	140 kN/m ² 20 p i	230.00 kg (570.10 lb)
Type S					
1050 mm (42")	1054 mm (41.50")	1187 mm (46.75")	1.8 mm (0.070")	140 kN/m ² 20 p i	269.76 kg (594.70 lb)
Type D					
1200 mm (48")	1209 mm (47.60")	1361 mm (53.60")	1.8 mm (0.070")	125 kN/m ² 18 p i	283.50 kg (625.00 lb)
Type S					
1200 mm (48")	1208 mm (47.55")	1339 mm (52.70")	1.8 mm (0.070")	125 kN/m ² 18 p i	309.72 kg (682.80 lb)
Type D					
1500 mm (60")	1512 mm (59.5")	1684 mm (66.3")	1.8 mm (0.070")	95 kN/m ² 14 p i	410.00 kg (903.90 lb)
Type S					
1500 mm (60")	1514 mm (59.6")	1664 mm (65.5")	1.8 mm (0.070")	95 kN/m ² 14 p i	509.53 kg (1123.30 lb)
Type D					