

PRODUCT SPECIFICATIONS

Conductive HDPE Geomembrane

40, 60, 80 and 100 mil

PROPERTY	TEST	FREQUENCY	UNIT	VALUE – 40 mil	VALUE – 60 mil	VALUE – 80 mil	VALUE – 100 mil
Thickness (min. avg.)	ASTM D-5199	per roll	mm (in)	1.0 (0.04)	1.5 (0.06)	2.0 (0.08)	2.5 (0.10)
Sheet Density	ASTM D-1505	90,000 kg (200,000 lb)	g/cc (lb/in ³)	0.940 (0.034)	0.940 (0.034)	0.940 (0.034)	0.940 (0.034)
Carbon Black Content	ASTM D-1603/4218	9,000 kg (20,000 lb)	%	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0	2.0 - 3.0
Tensile Strength at Break	ASTM D-6693	9,000 kg (20,000 lb)	kN/m (lb/in)	27 (152)	40 (228)	53 (304)	67 (380)
Elongation at Break	ASTM D-6693	9,000 kg (20,000 lb)	%	700	700	700	700
Tear Resistance	ASTM D-1004	20,000 kg (45,000 lb)	N (lb)	125 (28)	187 (42)	249 (56)	311 (70)
Puncture Resistance	ASTM D-4833	20,000 kg (45,000 lb)	N (lb)	320 (72)	480 (108)	640 (144)	800 (180)
Typical Roll Dimensions							
Roll Length – m (ft)				265 (870)	171 (560)	131 (430)	104 (340)
Roll Width – m (ft)				6.9 (22.5)	6.9 (22.5)	6.9 (22.5)	6.9 (22.5)

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