



Specifications for Soil Lift 1000.

Soil Lift 1000 is a double layered erosion control fabric consisting of an outer layer of high strength coir fabric and an inner layer of lightweight biodegradable jute fabric tied together at regular intervals. In addition, the fabric shall meet or exceed the following ASTM requirements:

Property	Test Method	Typical Value
Thickness	ASTM D 5199	0.38 in (0.97 cm)
Mass per unit area	ASTM D 5261	34.3 oz/sq.yd. (1138 g/sq.m)
Wide Width Tensile Strength MD x TD (Primary Layer)	ASTM D 4595	1008 x 936 lbs./ft. (14.6 x 13.8 KN/m)
Maximum Elongation MD x TD (Primary Layer)	ASTM D 4595	30% x 26%
Wide Width Tensile Strength MD x TD (Secondary Layer)	ASTM D 4595	612 x 468 lbs./ft. (8.98 x 6.88 KN/m.)
Maximum Elongation MD x TD (Secondary Layer)	ASTM D 4595	8% x 9%
Puncture Strength (Secondary Layer)	GRI GS1	557 lbs. (2,461 N)
Flexural Rigidity (Stiffness)	ASTM D 1388	0.697 x 0.695 oz.-in. (49.9 x 49.8 g-cm)
Water Absorption	ASTM D 1117	146%
Permittivity	ASTM D 4491	3.08/sec.
Permeability	ASTM D 4491	1.02 in/sec (2.60 cm/sec)
Flow Rate	ASTM D 4491	228 gal./min/sq. ft. (9.38 cu. m/min/sq. m)

STANDARD ROLL SIZE: 13.1' X 83' (4M X 25 M) 120 Square Yards Per Roll