

Manufacturer's Specification Certification

SC3000 Double Net Straw-Coconut Blanket

Contents:	70% straw 30% coir fiber
Netting:	Double Polypropylene Photodegradable
Thread:	Photodegradable
Roll Size:	100.0 sq yards/ 83.6 sq meters*
Width:	8.00 feet/ 2.44 meters*
Functional Longevity:	18 – 24 months
Best Use:	1.5:1 slopes, Medium-flow, roadways
	* Standard sizes. Additional or custom sizes may be available.

SC3000 is a fully Photodegradable blanket. The netting is made from Double Polypropylene. The thread is Photodegradable, while the filament of matrix is 70% straw 30% coir fiber.

Blankets can be produced from 50 SY to 1,000 SY and be from 4 ft. to 16 ft. wide.

As described in Federal Highway Administration's Standard Specification FP-03 in Section 713.17 and as described by ECTC as a Type 3.B.



Test Method Description	MARV*
Mass/Unit Area ASTM D 6475	10.14 oz/sq yd
Tensile Strength –MD ASTM D 6818	100 lbs/ft*
Tensile Strength –TD ASTM D 6818	100 lbs/ft*
Thickness ASTM D 6525	0.25+ inches*
Light Penetration ASTM D 6567	10.6%
Water Absorption ASTM D 1117, ECTC TASC 00197	361%
Reported Fiber Length, 80 percent greater than	3 inches
Elongation –MD ASTM D 6818	29.7 lb/in
Elongation –TD ASTM D 6818	25.5 lb/in
Vegetated Shear Stress	10lb/ft ²
Vegetated Velocity	18ft/sec
Manning's "n" (0"-6")	0.035 *
Seedling Emergence	409%
C Factor	<0.25@1.5:1*
Permissible Shear Stress - ASTM D 7207	2.00 lbs/ft.*2*
Permissible rate of flow	8 ft/s*
*MARV-Expected Minimum Average Roll Value	
Enviroscape ECM certifies that this product is designed to meet the above criteria and is manufactured to perform as described in the Federal Highway Administration's Standard Specification FP-03 in Section 713.17 and as described by ECTC as a Type 3.B.	
<i>Mark Deitering</i>	1/13/21
Mark Deitering - Quality Manager	Date