

Manufacturer's Specification Certification

C4000 Double Net Coconut Blanket Blanket


Contents:	100% coconut 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:	24 – 36 months
Best Use:	1:1 slopes, High-flow, roadways
	* Standard sizes. Additional or custom sizes may be available.

C4000 is a fully Photodegradable blanket. The netting is made from Double Polypropylene. The thread is Photodegradable, while the filament of matrix is 100% coconut 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 4.



Test Method Description	MARV*
Mass/Unit Area ASTM D 6475	8.43 oz/sq yd
Tensile Strength –MD ASTM D 6818	125 lbs/ft*
Tensile Strength –TD ASTM D 6818	125 lbs/ft*
Thickness ASTM D 6525	0.25+ inches*
Light Penetration ASTM D 6567	12.5%
Water Absorption ASTM D 1117, ECTC TASC 00197	259%
Reported Fiber Length, 80 percent greater than	6 inches
Elongation –MD ASTM D 6818	22.1 lb/in
Elongation –TD ASTM D 6818	24.5 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@1:1*
Permissible Shear Stress - ASTM D 7207	2.25 lbs/ft.*²*
Permissible rate of flow	10 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 4.	
 _____ Mark Deitering - Quality Manager	1/13/21 _____ Date