

Manufacturer's Specification Certification

E1000 Single Net Excelsior Blanket


Contents:	100% Excelsior
Netting:	Single Polypropylene Photodegradable
Thread:	Photodegradable
Standard Roll Size:	100.0 sq yards/ 83.6 sq meters (23sy to 1,000sy available)
Standard Width:	8.00 feet/ 2.44 meters (4' to 16' available)
Functional Longevity:	12 months**
Best Use:	3:1 slopes, Low-flow, roadways
	Additional or custom sizes may be available.

E1000 is a fully Photodegradable blanket. The netting is made from Single Polypropylene. The thread is Photodegradable, while the filament of matrix is 100% Excelsior.

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 2.C.



Test Method Description	MARV*
Mass/Unit Area ASTM D 6475	11.7 oz/sq yd
Tensile Strength –MD ASTM D 6818	50 lbs/ft*
Tensile Strength –TD ASTM D 6818	50 lbs/ft*
Thickness ASTM D 6525	0.25+ inches*
Light Penetration ASTM D 6567	26.0%
Water Absorption ASTM D 1117, ECTC TASC 00197	248%
Reported Fiber Length, 80 percent greater than	6 inches
Elongation –MD ASTM D 6818	22.5 lb/in
Elongation –TD ASTM D 6818	21.5 lb/in
Vegetated Shear Stress	10lb/ft ²
Vegetated Velocity	18ft/sec
Manning's "n" (0"-6")	0.035 *
Seedling Emergence	409%
C Factor	<0.15@3:1*
Permissible Shear Stress - ASTM D 7207	1.55lbs/ft.*2*
Permissible rate of flow	5 ft/s*
*MARV-Expected Minimum Average Roll Value **Actual longevity is dependent on climate, use and soil conditions	
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 2.C.	
	1/13/23
Mark Deitering - Quality Manager	Date