



## ADS GEOSYNTHETICS 00S1AN EROSION CONTROL BLANKET

### Scope

This specification describes ADS Geosynthetics 00S1AN erosion control blanket.

### Erosion Control Blanket Requirements

ADS Geosynthetics 00S1AN all natural temporary erosion control blanket is composed of a certified weed free agricultural straw matrix mechanically (stitch) bonded on two inch centers to a single biodegradable, jute/scrim nets. Straw utilized in manufacturing the 00S1AN is certified weed free. Thread utilized in the construction of the blanket is biodegradable cotton. 00S1AN is recommended for use in channels or slopes requiring erosion protection for a period up to twelve months. Actual field longevity is dependent on soil and climatic conditions.

Each roll of ADS Geosynthetics 00S1AN all natural is manufactured in the USA under a quality assurance program to ensure a continuous distribution of fibers and consistent thickness. Verifiable values are provided in Table 1 and product characteristics are provided in Tables 2 and 3. Values provided in Tables 1, 2 and 3 represent expected values at the time of manufacture. Installation instructions and performance data are available from ADS Geosynthetics Technical Support Division. ADS Geosynthetics 00S2AN conforms to the physical property values listed below:

### Erosion Control Blanket Properties

Table 1 - Verified Values			
Tested Property	Test Method	Value	Units
Tensile Strength	ASTM D6818	9.0 x 6.3 (1.6 x 1.1)	lb/in (kN/m)
Elongation	ASTM D6818	20 x 20	%
Mass per Unit Area	ASTM D6475	8.0 (271)	oz/yd <sup>2</sup> (g/m <sup>2</sup> )
Thickness	ASTM D6525	0.28 (7)	in. (mm)
Light Penetration	ASTM D6567	22	% open
Water Absorption	ASTM D1117	450	%

Table 2 - Netting	
Top Net	Biodegradable Jute/Scrim (Leno Weave)
Bottom Net	N/A
Top Net Opening	0.5 in x 1.0 in (13 mm x 25 mm)
Bottom Net Opening	N/A

Table 3 - Roll Dimensions		
Style	Narrow	Wide
Roll Width	8 ft	16 ft
Roll Length	112.5 ft	600 ft
Coverage	100 yd <sup>2</sup>	n/a
Roll Weight	n/a	n/a