



## ADS 00S1TT EROSION CONTROL BLANKET SPECIFICATION

### Scope

This specification describes ADS 00S1TT erosion control blanket.

### Erosion Control Blanket Requirements

ADS 00S1TT is manufactured using 100% agricultural grade wheat straw that is stitched into one layer of polypropylene netting. ADS 00S1TT is excellent in holding seeds and soil in place while vegetation is developed.

ADS 00S1TT conforms to the physical property values listed below:

### Erosion Control Blanket Properties

Property	Test Method	Unit	Value
Thickness	ASTM D6525	in (9mm)	0.28 (7)
Mass per Unit Area	ASTM D6566	oz/sy (g/sm)	8.0 (275)
Tensile Strength	ASTM D6818	lbs/ft (kN/m)	110 (1.6) MD/60 (0.9) TD
Elongation	ASTM D6818	%	30 MD, 30 TD
Density/Specific Gravity	D792	-	N/A
Light Penetration	ASTM D6567	%	15
Biomass Improvement	ASTM D7322	%	375
Water Absorption	ASTM D1117	%	400

### Packaging

Roll Dimensions (W x L) - ft. (m)	8.0 x 112.5/16.0 x 563 (2.4 x 34.1/4.9 x 171.0)
Area yds <sup>2</sup> (m <sup>2</sup> )	100/1,000 (83.6/836.0)
Weight ±10% lb (kg)	50/500 (22.7/227)

### Design Parameters

Property	Unvegetated	Vegetated <sup>3</sup>
RUSLE C Factor <sup>2</sup>	0.02	N/A
Slope Maximum Gradient <sup>1</sup>	3H:1V	N/A
Permissible Shear Stress <sup>2</sup>	1.6 psf (75 Pa)	N/A
Permissible Velocity <sup>2</sup>	5.0 fps (1.5 m/s)	N/A

1. Maximum Gradient a recommendation for typical installations.
2. Hydraulic thresholds compliant with ASTM D6459/D6460 but generalized for typical applications.
3. Vegetated values dependent on established stand of vegetation.