

# NEDIA ENTERPRISES, INC.

22187 Vantage Pointe Place  
Ashburn, VA 20148

Tel: (888) 725-6999  
Fax: (571) 223-0202

## Technical Specifications for *S300B*

**DESCRIPTION:** S300 is a 100% straw matrix stitch bonded with a biodegradable top netting.

<b>Material composition</b>	100% Straw
<b>Roll size</b>	8' x 67.5'
<b>Thickness (ASTM D 1777)</b>	0.25 inches
<b>Area per roll</b>	60 sq.yds/roll
<b>Weight per roll</b>	30 lbs.
<b>Top netting</b>	Biodegradable
<b>Bottom netting</b>	None
<b>Stitching</b>	2" center to center spacing
<b>Thread</b>	Degradable cotton / polyester thread
<b>Mass per unit area (ASTM D 3776)</b>	8 oz./sq.yd
<b>Slope recommendation</b>	4:1 to 3:1
<b>Maximum permissible Shear Stress</b>	1.55 lbs./sq.ft.
<b>Flow Velocity, Short term (ASTM D 4491)</b>	6 ft./sec.
<b>Tensile Strength (ASTM D 4595)</b>	92 x 60 lbs./ft.
<b>Elongation (ASTM D 4595)</b>	36% x 36%
<b>"n" Value Roughness Coefficient</b>	0.021
<b>Functional Longevity</b>	Up to 12 months
<b>Typical Applications</b>	Highway embankments, landfill side slopes, shorelines, channels & streambanks