

NEDIA ENTERPRISES, INC.

22187 Vantage Pointe Place
Ashburn, VA 20148

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

Technical Specifications for *S300*

DESCRIPTION: S300 is a 100% straw matrix stitch bonded with photodegradable polypropylene top netting.

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