

NEDIA ENTERPRISES, INC.

22187 Vantage Pointe Place
Ashburn, VA 20148

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

Technical Specifications for *NEDIA SC400B*

DESCRIPTION: NEDIA SC400B is a 70% straw / 30% coconut fiber matrix stitch bonded between two biodegradable nettings.

Material composition	70% Agricultural Straw / 30% Coconut
Thickness (ASTM D 1777)	0.35 inches
Top netting	Biodegradable netting (11 lbs/1000sq.ft)
Bottom netting	Biodegradable netting (11 lbs/1000sq.ft)
Stitching	2" centers
Thread	Biodegradable polycotton thread
Mass per unit area (ASTM D 3776)	11.2 oz./sq.yd
Slope recommendation	2:1 - 1:1
Maximum permissible Shear Stress	1.85 lbs./sq.ft.
Flow Velocity, Short term (ASTM D 4491)	10 ft./sec.
Tensile Strength - Wet (ASTM D 4595)	158 x 144 lbs./ft.
Elongation - Wet (ASTM D 4595)	6% x 6%
Tensile Strength - Dry (ASTM D 4595)	144 x 112 lbs./ft.
Elongation - Dry (ASTM D 4595)	5% x 12%
Water Absorption	356%
"n" Value Roughness Coefficient	0.018
Functional Longevity	1 to 2 years
Typical Applications	Highway embankments, landfill side slopes, shorelines, channels & streambanks