

NEDIA ENTERPRISES, INC.

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Technical Specifications for *NEDIA C400B*

DESCRIPTION: NEDIA C400B is a 100% coconut fiber matrix stitch bonded between two biodegradable nettings.

Material composition	100% Coconut fiber
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	1:1 or >
Maximum permissible Shear Stress	2.25 lbs./sq.ft.
Flow Velocity, Short term (ASTM D 4491)	14 ft./sec.
Tensile Strength - Wet (ASTM D 4595)	308 x 186 lbs./ft.
Elongation - Wet (ASTM D 4595)	27% x 19%
Tensile Strength - Dry (ASTM D 4595)	293 x 185 lbs./ft.
Elongation - Dry (ASTM D 4595)	27% x 20%
Water Absorption	136%
"n" Value Roughness Coefficient	0.014
Functional Longevity	2 to 3 years
Typical Applications	Highway embankments, landfill side slopes, shorelines, channels & streambanks