

# NEDIA ENTERPRISES, INC.

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## Technical Specifications for *NEDIA C400*

**DESCRIPTION:** NEDIA C400 is a 100% coconut fiber matrix stitch bonded between two heavyweight photodegradable top and bottom nettings.

<b>Material composition</b>	100% Coconut fiber
<b>Thickness (ASTM D 1777)</b>	0.35 inches
<b>Top netting</b>	Heavyweight photodegradable polypropylene netting
<b>Bottom netting</b>	Heavyweight photodegradable polypropylene netting
<b>Stitching</b>	2" centers
<b>Thread</b>	Polycotton thread
<b>Mass per unit area (ASTM D 3776)</b>	11.2 oz./sq.yd
<b>Slope recommendation</b>	1:1 or >
<b>Maximum permissible Shear Stress</b>	2.25 lbs./sq.ft.
<b>Flow Velocity, Short term (ASTM D 4491)</b>	14 ft./sec.
<b>Tensile Strength - Wet (ASTM D 4595)</b>	312 x 156 lbs./ft.
<b>Elongation - Wet (ASTM D 4595)</b>	25% x 20%
<b>Tensile Strength - Dry (ASTM D 4595)</b>	300 x 180 lbs./ft.
<b>Elongation - Dry (ASTM D 4595)</b>	26% x 22%
<b>Water Absorption</b>	251%
<b>"n" Value Roughness Coefficient</b>	0.014
<b>Functional Longevity</b>	2 to 3 years
<b>Typical Applications</b>	Highway embankments, landfill side slopes, shorelines, channels & streambanks

Standard size: 7.5' x 96' (80 SY per roll)