



Technical Specifications for

Nedia C400B

Nedia C400B is a 100% coconut fiber matrix stitch bonded between two biodegradable nettings.

Index Value Properties:

Property	Test Method	Typical Value	
		English Units	Metric Units
Material composition	n/a	100% Coconut Fiber	
Mass per unit area	ASTM D 6475	11.0 oz/sq.yd	373 gms/sq.m
Thickness	ASTM D 6525	0.31 inches	7.9 mm
Tensile Strength (MD x TD)	ASTM D 6818	240 x 164 lb/ft.	3.5 x 2.4 kN/m
Elongation (MD x TD)	ASTM D 6818	10.9 % x 16 %	
Light Penetration	ASTM D 6567	10%	
Water Absorption	ASTM D 1117	255%	
Manning's N	Observed	0.025	

Channel Performance Design Values*:

Property	Test Method	Typical Value	
		English Units	Metric Units
Unvegetated Shear Stress	ASTM D 6460	2.25 lb/sq. ft	108 Pa
Unvegetated Velocity	ASTM D 6460	9.0 ft./s	2.7 m/s
Vegetated Shear Stress	n/a	n/a	
Vegetated Velocity	n/a	n/a	

* Large scale results obtained by 3rd party GAI Accredited independent laboratory.

Standard Roll Sizes: 8' x 112.5' (2.44m x 34.3m) – 100 sy /roll



www.nedia.com



info@nedia.com

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