

Technical Specifications for  
**Nedia CTRM 500C**

Nedia CTRM 500C is a composite turf reinforcement matting consisting of a coconut fiber matrix stitch bonded between three layers of heavy duty polypropylene nettings.

**Index Value Properties:**

Property	Test Method	Typical Value	
		English Units	Metric Units
Material composition	n/a	Coconut / Polypropylene	
Mass per unit area	ASTM D 6475	14.8 oz/sq.yd	501.8 oz/sq.m
Thickness	ASTM D 6525	0.34 in	8.6 mm
Tensile Strength (MD x TD)	ASTM D 6818	802 x 790 lb/ft.	11.7 x 11.5 kN/m
Elongation (MD x TD)	ASTM D 6818	24.7 % x 15.7 %	
Light Penetration	ASTM D 6567	14%	
Water Absorption	ASTM D1117	113%	
UV Resistance	ASTM D 4355	98%	

**Channel Performance Design Values\*:**

Property	Test Method	Typical Value	
		English Units	Metric Units
Unvegetated Shear Stress	ASTM D 6460	3.70 lb/sq. ft	177 Pa
Unvegetated Velocity	ASTM D 6460	13.8 ft./s	4.2 m/s
Vegetated Shear Stress	ASTM D 6460	12.0 lb/sq. ft	574 Pa
Vegetated Velocity	ASTM D 6460	25.0 ft./s	7.6 m/s

\* Large scale results obtained by 3<sup>rd</sup> party GAI Accredited independent laboratory.

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



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