



Technical Specifications for  
**Nedia CTRM 400SC**

Nedia CTRM 400SC is made with a uniformly distributed 70% agricultural straw, 30% coconut fiber and three polypropylene nets sewn together with UV stabilized thread.

**Index Value Properties:**

Property	Test Method	Typical Value	
		English Units	Metric Units
Material composition	n/a	Straw / Coconut / Polypropylene	
Mass per unit area	ASTM D 6475	15.0 oz/sq.yd	508.6 oz/sq.m
Thickness	ASTM D 6525	0.39 in	9.9 mm
Tensile Strength (MD x TD)	ASTM D 6818	756 x 632 lb/ft.	11.0 x 9.2 kN/m
Elongation (MD x TD)	ASTM D 6818	20.7 % x 20.8 %	
Light Penetration	ASTM D 6567	7%	
UV Resisitance	ASTM D 4355 -500hr	80%	
Density /Specific Gravity	ASTM D 792	0.919 g/cu.m	

**Channel Performance Design Values\*:**

Property	Test Method	Typical Value	
		English Units	Metric Units
Unvegetated Shear Stress	ASTM D 6460	2.79 lb/sq. ft	134 Pa
Unvegetated Velocity	ASTM D 6460	11.0 ft./s	3.4 m/s
Vegetated Shear Stress	ASTM D 6460	10.0 lb/sq. ft	478 Pa
Vegetated Velocity	ASTM D 6460	20.0 ft./s	6.1 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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