



## Erosion Control Blanket

### Standard Netting – Double Net – 70% Straw 30% Coconut (SDNSC)

The BMP Standard Double Net Straw Coconut (SDNSC) Erosion Control Blanket is made of two synthetic nets, filled with both weed-free agricultural wheat straw and coconut fiber, designed for use on slope and channel applications. These extended-term blankets are designed to reduce soil erosion and channel sedimentation through a combination of physical and biological means. The Blanket provides an effective and cost-efficient solution to soil erosion and sedimentation control. These blankets also offer a protective vegetative cover that aids in reducing water velocity and sedimentation.

Tested Property	Tested Method	Tested Results
Netting		Top and Bottom (Double) Photodegradable Net
Fill		70% Weed Free Agricultural Wheat Straw 30% Coconut
Longevity		Mid Term - est. 24 months
Mass Per Unit Area	ASTM D6475	8.09 oz/sq/yd   274 g/m <sup>2</sup>
Tensile Strength	ASTM D6818	MD - 13.2 lb/in @ % 21.3 XD - 9.7 lb/in @ % 22.3
Designed Thickness	ASTM D6525	0.250 in 0.635 cm
Light Penetration/Ground Cover	ASTM D6567	13.1%
Water Absorption	ASTM D1117	294%
Unvegetated Bench-Scale Rain Splash and Runoff	ASTM D7101	50 mm (2 in.) / hr for 30 min. Soil Loss Ratio† = 22.57 C Factor: 0.044 100 mm (4 in.) / hr for 30 min. Soil Loss Ratio† = 27.21 C Factor: 0.037 150 mm (6 in.) / hr for 30 min. Soil Loss Ratio† = 34.23 C Factor: 0.029
Unvegetated Bench-Scale Shear Stress	ASTM D7207	2.36 psf @ ½ in soil loss
Seed Germination and Plant Growth Under Bench-Scale Conditions	ASTM D7322	% of Average Control = 308% - PASS % of Concurrent Control = 305% - PASS

† Soil Loss Ratio = Soil Loss Bare Soil / Soil Loss with RECP = 1 / C-Factor (Note: soil loss is based on regression analysis)

### Roll Dimensions

BMP-SDNSC08	8' x 112.5' (100sy / 83.6127 m <sup>2</sup> ) - ~50 lbs	25 Rolls/Pallet
BMP-SDNSC16	16' x 112.5' (200sy / 167.23 m <sup>2</sup> ) - ~100 lbs	20 Rolls/ Pallet
BMP-SDNSC08JR	8' x 562.5' (500sy / 418.06 m <sup>2</sup> ) - ~250 lbs	4 Rolls/ Pallet
BMP-SDNSC08JR	16' x 562.5' (1000sy / 836.13 m <sup>2</sup> ) - ~500 lbs	4 Rolls/ Pallet



#### Shipping From:

#50-183073 RR 150,  
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Canada, County of Newell

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