



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.

Properties	Test Method	Values
Netting		Top and Bottom (Double) Photodegradable Net
Fill		70% Weed Free Agricultural Wheat Straw 30% Coconut
Longevity		Extended Term - est. 24 months
Mass Per Unit Area	ASTM D6475	8.09 oz/sq/yd 274 g/m ²
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	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 (113 Pa)
Seed Germination (ASTM Method)	ASTM D7322	308%

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



Shipping From:

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