



Erosion Control Blanket

Standard Netting – Double Net – 100% Straw (SDNS)

The BMP Standard Double Net Straw (SDNS) Erosion Control Blanket is made of two synthetic nets filled with weed-free agricultural wheat straw. Designed for use on mild slope and channel applications, these short-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		100% Weed Free Agricultural Wheat Straw
Longevity		Short Term - est. 12 Months
Mass Per Unit Area	ASTM D6475	7 - 8 oz/sq/yd 250 g/m ²
Tensile Strength	ASTM D6818	MD - 12.9 lb/in @ % 23.5 XD - 10.2 lb/in @ % 21.6
Thickness	ASTM D6525	0.294 in 0.746 cm
Light Penetration	ASTM D6567	0.125
Water Absorption	ASTM D1117	4.53
Unvegetated Bench-Scale Rain Splash and Runoff	ASTM D7101	50 mm (2 in.) / hr for 30 min. Soil Loss Ratio† = 40.24 C Factor: 0.025 100 mm (4 in.) / hr for 30 min. Soil Loss Ratio† = 13.19 C Factor: 0.076 150 mm (6 in.) / hr for 30 min. Soil Loss Ratio† = 18.04 C Factor: 0.055
Unvegetated Bench-Scale Shear Stress *	ASTM D7207	1.75 psf @ ½ in soil loss (84 Pa)
Seed Germination (ASTM Method)	ASTM D7322	261%

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

Roll Dimensions

BMP-SDNS08	8' x 112.5' (100sy / 83.6127 m ²) - ~50 lbs	25 Rolls/Pallet
BMP-SDNS16	16' x 112.5' (200sy / 167.23 m ²) - ~100 lbs	20 Rolls/ Pallet
BMP-SDNS08JR	8' x 562.5' (500sy / 418.06 m ²) - ~250 lbs	4 Rolls/ Pallet
BMP-SDNS08JR	16' x 562.5' (1000sy / 836.13 m ²) - ~500 lbs	4 Rolls/ Pallet



Shipping From:

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