



BMP SUPPLIES

Erosion Control Blanket

Jute Netting (Bio) – Double Net – 100% Straw (BDNS)

The BMP Biodegradable Double Net Straw (BDNS) Erosion Control Blanket is 100% biodegradable, made of two jute nets and filled with weed-free agricultural wheat straw. Designed for use on 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) Jute Net
Fill		100% Weed Free Agricultural Wheat Straw
Longevity		Short Term - est. 12 months
Mass Per Unit Area	ASTM D6475	9.09 oz/sq/yd 249.22 g/m ²
Tensile Strength	ASTM D6818	MD - 16.9 lb/in @ % 14.4 XD - 13.0 lb/in @ % 9.7
Thickness	ASTM D6525	0.316 in 0.802 cm
Light Penetration	ASTM D6567	11.7%
Water Absorption	ASTM D1117	372%
Unvegetated Bench-Scale Rain Splash and Runoff	ASTM D7101	50 mm (2 in.) / hr for 30 min : Soil Loss Ratio† = 30.18 C Factor: 0.033 100 mm (4 in.) / hr for 30 min : Soil Loss Ratio† = 32.47 C Factor: 0.031 150 mm (6 in.) / hr for 30 min : Soil Loss Ratio† = 44.63 C Factor: 0.022
Unvegetated Large-Scale Slope	ASTM D6459	C Factor = 0.035
Unvegetated Large-Scale Channel	ASTM D6460	1.95 psf (93 Pa)
Seed Germination (ASTM Method)	ASTM D7322	311%

† 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-BDNS08	8' x 112.5' (100sy / 83.6127 m ²) - ~50 lbs	25 Rolls/Pallet
BMP-BDNS16	16' x 112.5' (200sy / 167.23 m ²) - ~100 lbs	20 Rolls/ Pallet
BMP-BDNS8JR	8' x 562.5' (500sy / 418.06 m ²) - ~250 lbs	4 Rolls/ Pallet
BMP-BDNSS8JR	16' x 562.5' (1000sy / 836.13 m ²) - ~500 lbs	4 Rolls/ Pallet



Shipping From:
Brooks, Alberta T0J 2A0

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