



Erosion Control Blanket

Jute Netting (Bio) – Double Net – 100% Coconut (BDNC)

The BMP Biodegradable Double Net Coconut (BDNC) Erosion Control Blanket is 100% biodegradable made of two jute nets and filled with 100% coconut fiber, designed for use on steep slope and medium to high flow channel applications. These long-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.

Properties	Test Method	Values
Netting		Top and Bottom (Double) Jute Net
Fill		100% Coconut
Longevity		Long Term - est.36 months
Mass Per Unit Area	ASTM D6475	10.29 oz/sq/yd 349 g/m ²
Tensile Strength	ASTM D6818	MD - 18.5 lb/in @ % 9.3 XD - 15.9 lb/in @ % 9.1
Thickness	ASTM D6525	0.290 in 0.736 cm
Light Penetration	ASTM D6567	13.0%
Water Absorption	ASTM D1117	196%
Unvegetated Bench-Scale Rain Splash and Runoff	ASTM D7101	50 mm (2 in.) / hr for 30 min : Soil Loss Ratio† = 31.59 - C Factor: 0.032 100 mm (4 in.) / hr for 30 min : Soil Loss Ratio† = 24.53 - C Factor: 0.041 150 mm (6 in.) / hr for 30 min : Soil Loss Ratio† = 45.84 - C Factor: 0.022
Unvegetated Large-Scale Slope	ASTM D6459	C Factor = 0.009
Unvegetated Large Scale Channel	ASTM D6460	2.50 psf
Unvegetated Bench-Scale Shear Stress	ASTM D7207	2.81 psf @ ½ in soil loss (134 Pa)
Seed Germination (ASTM Method)	ASTM D7322	237%

† 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-BDNSC08	8' x 112.5' (100sy / 83.6127 m ²) - ~50 lbs	25 Rolls/Pallet
BMP-BDSNSC16	16' x 112.5' (200sy / 167.23 m ²) - ~100 lbs	20 Rolls/ Pallet
BMP-BDNSC8JR	8' x 562.5' (500sy / 418.06 m ²) - ~250 lbs	4 Rolls/ Pallet
BMP-BDNSCS8JR	16' x 562.5' (1000sy / 836.13 m ²) - ~500 lbs	4 Rolls/ Pallet



Shipping From:

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