



ETC-100-BN Erosion Control Blanket

ETC-100-BN Double Biodegradable Net Coconut Blanket (100% Biodegradable)

ETC-100-BN is an FHWA Type IID Temporary Erosion Control Blanket. It is composed of a matrix of 100% Coconut/Coir Fiber. The fibers are evenly distributed between two layers of biaxially oriented Jute netting. The matrix is mechanically bonded (stitched) using biodegradable thread. ETC-100-BN is designed to protect and stabilize slopes and channels from erosive forces. Functional longevity of ETC-100-BN is up to 24 months. Results may vary depending on soil and climatic conditions.

Part Numbers	ETC-100-BN	ETC-200-BN	ETC-500-BN	ETC-1000-BN
Blanket Size	8 ft x 112.5 ft	16 ft x 112.5 ft	8 ft x 562.5 ft	16 ft x 562.5 ft
Rolls per Pallet	25	25	4	4
Rolls per Truck Load	650	300	104	48
Netting	Double Biaxially Oriented Net - Natural/Biodegradable/Jute			
Opening Size	0.5 in x 0.5 in			
Stitching Thread	Natural/Biodegradable			
Stitching Frequency	2 in			
Fill	100% Coconut			
Packaging	Each Roll is Individually Stretched Wrapped with a Label			

*MARV VALUES			
PROPERTY	TEST METHOD	ENGLISH	METRIC
Physical			
Mass/Unit Area	ASTM D 6475	9.15 oz/yd ²	
Thickness	ASTM D 6525	233 Mils	
Ground Cover/Light Penetration (%Passing)	ASTM D 6567	87% GC – 17.9% LP	
Color	Visual	Natural	
Mechanical			
Tensile Strength	ASTM D 6818	27.5 lb/in (MD) – 13.7 lb/in (TD)	
Elongation	ASTM D 6818	9.7% (MD) – 13.7 (TD)	
Design Performance			
Seed Germination/Plant Growth	ASTM 7322.	258%	
Velocity (Unvegetated)	ASTM 6460	7ft/s	
Shear Stress (Unvegetated)	ASTM 6460	2.32 lb/ft ²	
C Factor	ASTM 6459	.004	
Roll Sizes		8' X 112.5' 16' X 112.5'	

Notes:

- Property Values have been compiled since 2007 and are subject to change without notice
- Permissible Velocity, Shear Stress, and C Factor have been obtained through large scale test programs featuring specific soil types, vegetation classes, flow conditions, anchor methods, and failure criteria. These conditions may not be relevant to every project nor can they be replicated by other manufacturers. Please contact your Erosion Tech representative for farther information.
- Marv Values Represent the Minimum Average Roll Values from Random Samples taken in accordance with NTPEP and AASHTO Requirements.
- It is the responsibility of the project owner/engineer to determine the ultimate suitability of ETC-100BN for their project.

