



TRITON
ENVIRONMENTAL
Coir Fiber Matting 700

Coir fiber matting also called an erosion control fabric are woven matting with different mesh size, to perform different functions like filtration, separation, drainage, reinforcement and erosion control. They have high tensile strength, water absorption capabilities (can hold up to 3 times of its own weight) and arrest run-off top soil. It is biodegradable and complete degradation in 3 to 5 years. Its unique properties include right strength, durability to prevent slopes against erosion and helps natural vegetation to take root.

Coir Fiber Matting / Specification:

Standard Roll Size: 13.1'x165' =240sy or 13.1'x 83'=120sy.

Material	N/A	Woven coir matting made of high strength coconut fiber
Color	N/A	Natural tone
Thickness	ASTM D 5199	0.35 in.
Weight	ASTM D 3776	20.3 oz/sq. yd
Maximum Elongation Wet MD x CD	ASTM D 4595	69% x 34%
Maximum Elongation Dry MDx CD	ASTM D 4595	40% x 33%
Wide width tensile strength Wet MD x CD	ASTM D 4595	924 x 684 lbs/ft.
Wide width tensile strength Dry MD x CD	ASTM D 4595	1512 x 1032 lbs/ft.
Slope (Recommended)	Observed	>1 : 1
Shear Stress (Recommended)	Flume Test	4.5psf.
Water Velocity (Recommended)	Flume Test	12ft./ sec.
Water Absorption	ASTM D 1117	146%
"C" Factor		0.002
Open Area	Measured	50% or 0.5 in. x 0.5 in.

DISTRIBUTED BY:



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