

PRODUCT SPECIFICATIONS

# Erosion Control Blanket

	Product	Description	Roll Dimensions	Functional Longevity	Suggested Applications	Cover Factor Ranges	Tensile Strength (MD x TD)	Permissible Shear Stress	Max Flow Velocity
Short-term	S75	Single photodegradable net, 100% straw matrix	2.03 m x 32.92 m (6.67 ft x 108 ft)	12 months	4:1 - 3:1 slopes	0.029 - 0.190	1.68 x 1.37 kN/m (115 x 94 lb/ft)	74 Pa (1.55 lb/ft <sup>2</sup> )	1.52 m/s (5.00 ft/s)
	S75BN (Bionet)	Single biodegradable net, 100% straw matrix	2.03 m x 32.92 m (6.67 ft x 108 ft)	12 months	Low flow channels	0.029 - 0.190	3.90 x 3.90 kN/m (267 x 267 lb/ft)	76 Pa (1.60 lb/ft <sup>2</sup> )	
	S150	Two photodegradable nets, 100% straw matrix	2.03 m x 32.92 m (6.67 ft x 108 ft)	12 months	3:1 - 2:1 slopes	0.004 - 0.180	2.27 x 1.57 kN/m (156 x 108 lb/ft)	84 Pa (1.75 lb/ft <sup>2</sup> )	1.83 m/s (6.00 ft/s)
	S150BN (Bionet)	Two biodegradable nets, 100% straw matrix	2.03 m x 32.92 m (6.67 ft x 108 ft)	12 months	Moderate flow channels	0.00014 - 0.100	4.71 x 3.47 kN/m (323 x 238 lb/ft)	88 Pa (1.85 lb/ft <sup>2</sup> )	
Extended-term	SC150	Two photodegradable nets, 70% straw/30% coconut fiber matrix	2.03 m x 32.92 m (6.67 ft x 108 ft)	24 months	2:1 - 1:1 slopes	0.001 - 0.190	3.00 x 2.22 kN/m (205 x 152 lb/ft)	96 Pa (2.00 lb/ft <sup>2</sup> )	2.44 m/s (8.00 ft/s)
	SC150BN (Bionet)	Two biodegradable nets, 70% straw/30% coconut fiber matrix	2.03 m x 32.92 m (6.67 ft x 108 ft)	18 months	Medium flow channels	0.00009 - 0.120	4.10 x 3.00 kN/m (281 x 205 lb/ft)	100 Pa (2.10 lb/ft <sup>2</sup> )	
Long-term	C125	Two photodegradable nets, 100% coconut fiber matrix	2.03 m x 32.92 m (6.67 ft x 108 ft)	36 months	1:1 & greater slopes	0.001 - 0.110	3.12 x 305 kN/m (214 x 209 lb/ft)	108 Pa (2.25 lb/ft <sup>2</sup> )	3.05 m/s (10.0 ft/s)
	C125BN (Bionet)	Two biodegradable nets, 100% coconut fiber matrix	2.03 m x 32.92 m (6.67 ft x 108 ft)	24 months	High flow channels	0.00009 - 0.070	4.98 x 3.08 kN/m (342 x 211 lb/ft)	112 Pa (2.35 lb/ft <sup>2</sup> )	

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