

# TE-C32

## EROSION CONTROL BLANKET



TE-C32 is a long-term double net 100% coconut fiber erosion control blanket designed for use on extreme slope and channel applications requiring erosion control for up to 36 months depending on moisture, light, and environmental conditions. The blanket is sewn together on 1.5-inch (38.1 mm) centers. TE-C32 meets all requirements established in the FHWA FP-03 as a Type 4B erosion control blanket for use on slopes with gradients not exceeding 1:1 (h:v) and has been tested by the National Transportation Product Evaluation Program (NTPEP). TE-C32 comes packaged in clear shrink wrap and includes installation instructions.

### Product Nomenclature & Properties

**C** = 100% coconut fiber matrix

**3** = coconut fiber matrix applied at a rate of 0.5 lbs/yd<sup>2</sup> (270 g/m<sup>2</sup>)

**2** = top and bottom stabilized photodegradable black net with a mesh size of 0.626 x 0.626 in (1.59 x 1.59 cm)

= UV stabilized photodegradable thread to ensure consistent functional longevity

TESTED PROPERTY	TEST METHOD	UNIT ENGLISH (METRIC)	VALUE ENGLISH (METRIC)
C Factor	ASTM D 6459	-	≤ 0.05
Shear Stress	ASTM D 6460	lbs/ft <sup>2</sup> (N/m <sup>2</sup> )	≥ 2.25 (108)
Tensile Strength (MD)	ASTM D 6818	lbs/ft (kN/m)	≥100 (1.5)
Tensile Strength (TD)	ASTM D 6818	lbs/ft (kN/m)	≥ 40 (0.6)
Material Thickness	ASTM D 6525	in (mm)	0.20 – 0.50 (5.1 – 12.7)
Ground Coverage	ASTM D 6567	%	50 - 95
Material Mass	ASTM D 6475	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	≥ 8.0 (271)
TYPICAL ROLL DIMENSIONS			
Roll Dimensions		ft (m)	8 (2.44) x 112.5 (34.3) 16 (4.88) x 112.5 (34.3)
Roll Area		yd <sup>2</sup> (m <sup>2</sup> )	100 (83.61) 200 (167.23)
Roll Weight ± 10%		lbs (kg)	58 (26.3) 114 (51.7)

NOTES: Titan's TE-C32 erosion control blanket adheres to the minimum recommended values supplied by the Erosion Control Technology Council (ECTC). All values provided are typical.

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