

# TE-SC32

## EROSION CONTROL BLANKET



TE-SC32 is an extended-term double net straw/coconut fiber erosion control blanket designed for use on the severe slope and channel applications requiring erosion control for up to 24 months depending on moisture, light, and environmental conditions. The blanket is sewn together on 1.5-inch (38.1 mm) centers. TE-SC32 meets all requirements established in the FHWA FP-03 as a Type 3B erosion control blanket for use on slopes with gradients not exceeding 1.5:1 (h:v) and has been tested by the National Transportation Product Evaluation Program (NTPEP). TE-SC32 comes packaged in clear shrink-wrap with a tan band and included installation instructions.

### Product Nomenclature & Properties

**SC** = 70% agricultural straw fiber matrix

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

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

= bottom photodegradable net with a mesh size of 0.588 x 0.5 in (1.49 x 1.3 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> )	≥ 2.0 (96)
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)	0.25 – 0.50 (6.4 – 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)	54 (25) 108 (50)

NOTES: Titan's TE-SC32 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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