

TE-S32

EROSION CONTROL BLANKET



TE-S32 is a short-term double net straw fiber erosion control blanket designed for use on a moderate slope and channel applications requiring erosion control for up to 12 months depending on moisture, light, and environmental conditions. The blanket is sewn together on 1.5-inch (38.1 mm) centers. TE-S32 meets all requirements established in the FHWA FP-03 as a Type 2D erosion control blanket for use on slopes with gradients not exceeding 2:1 (h:v) and has been tested by the National Transportation Product Evaluation Program (NTPEP). TE-S32 comes packaged in clear shrink-wrap with a green band and includes installation instructions.

Product Nomenclature & Properties

S = 100% agricultural straw fiber matrix

3 = straw fiber matrix applied at a rate of 0.5 lbs/yd² (270 g/m²)

2 = top and bottom photodegradable nets with a mesh size of 0.588 x 0.5 in (1.49 x 1.3 cm)
= photodegradable nets and thread to ensure consistent functional longevity

TESTED PROPERTY	TEST METHOD	UNIT ENGLISH (METRIC)	VALUE ENGLISH (METRIC)
C Factor	ASTM D 6459	-	≤ 0.10
Shear Stress	ASTM D 6460	lbs/ft ² (N/m ²)	≥ 1.75 (84)
Tensile Strength (MD)	ASTM D 6818	lbs/ft (kN/m)	≥ 75 (1.1)
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 - 90
Material Mass	ASTM D 6475	oz/yd ² (g/m ²)	≥ 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 ² (m ²)	100 (83.61) 200 (167.23)
Roll Weight ± 10%		lbs (kg)	54 (25) 108 (50)

NOTES: Titan's TE-S32 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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