

TE-S31

EROSION CONTROL BLANKET



TE-S31 is a short-term straw fiber erosion control blanket designed for use on mild slope and channel applications requiring erosion control for up to 12 months depending on moisture, light, and environmental conditions. The blanket is sewn together in a 1.5-inch (38.1 mm) center. TE-S31 meets all requirements established in the FHWA FP-03 as a Type 2C erosion control blanket for use on slopes with gradients not exceeding 3:1 (h:v) and has been tested by the National Transportation Product Evaluation Program (NTPEP). TE-S31 comes packaged in clear shrink-wrap with a yellow 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)

1 = a single photodegradable top net with mesh size of 0.588 x 0.5 in (1.49 x 1.3 cm)
= photodegradable net 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)	≥ 1.5 (72)
Tensile Strength (MD)	ASTM D 6818	lbs/ft (kN/m)	≥ 60 (0.9)
Tensile Strength (TD)	ASTM D 6818	lbs/ft (kN/m)	≥ 20 (0.3)
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)	52 (24) 104 (48)

NOTES: Titan's TE-S31 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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