

TE-8

8oz CIVIL NON WOVEN GEOTEXTILE

TITAN ENVIRONMENTAL CONTAINMENT



Titan has provided the containment and erosion control industries with the highest quality geotextiles available. Our non woven needle punched geotextiles are manufactured using polypropylene fibers, which are formed into a dimensionally stable network which allows the fibers to maintain their relative position. These products resist ultraviolet deterioration, rotting, biological degradation, and are inert to commonly encountered soil chemicals.

TESTED PROPERTY	TEST METHOD	UNIT ENGLISH (METRIC)	VALUE ENGLISH (METRIC)
Weight	ASTM D 5261	oz/yd ² (g/m ²)	8.0 (271)
Tensile Strength (Grab)	ASTM D 4632	lbs (N)	205 (911)
Elongation	ASTM D 4632	%	50
CBR Puncture	ASTM D 6241	lbs (N)	500 (2224)
Trapezoid Tear	ASTM D 4355	lbs (N)	80 (356)
U.V. Resistance	ASTM D 4355	%/hrs	70/500
Apparent Opening Size (AOS)*	ASTM D 4751	U.S. Sieve (mm)	80 (0.180)
Permittivity	ASTM D 4491	sec ⁻¹	1.4
Water Flow	ASTM D 4491	gpm/ft ² (l/min/m ²)	95 (3870)
TYPICAL ROLL DIMENSIONS			
Roll Dimensions		ft	12.5 x 360 15 x 300
Roll Area		yd ²	500
Estimated Roll Weight		lbs	250

NOTES:

MARV. Minimum Average Roll Value.

Maximum average roll value ASTM D 4751- AOS.

Mullen Burst ASTM D 3768 has been removed. It is not recognized by ASTM D 35 on Geosynthetics.

Puncture ASTM D 4833 has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture ASTM D 6241

Titan Environmental warrants that the geotextile furnished hereunder shall conform to the specification stated herein. Any other warranty including merchantability and fitness for a particular purpose are hereby excluded. If the geotextile does not meet the specification on this page and is notified prior to installation Titan Environmental will replace the geotextile at no additional cost to the customer. The geotextile specified herein has not been tested, calibrated or validated in relation to any design methodology for either unpaved roads or flexible pavements. Titan Environmental is not responsible for any loss or damage incurred during transit and storage after leaving the manufacturing site. This product specification supersedes all prior specifications for the product described above and is not applicable to any products shipped prior to November 15, 2020.

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