TE-4

4oz CIVIL NONWOVEN GEOTEXTILE

TITAN
BUILD YOUR LEGEND

Titan has provided the containment and erosion control industries with the highest quality geotextiles available. Our nonwoven 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)
Tensile Strength (Grab) (1)	ASTM D 4632	lbs (N)	100 (445)
Grab Elongation	ASTM D 4632	%	50
CBR Puncture Resistance (1)	ASTM D 6241	lbs (N)	250 (1113)
Trapezoidal Tear (1)	ASTM D 4533	lbs (N)	45 (200)
Permittivity* (1)	ASTM D 4491	1/sec	2.0
Water Flow* (1)	ASTM D 4491	gal/min/ft² (l/min/m²)	140 (5704)
Apparent Opening Size (AOS) (2)(3)	ASTM D 4751	US Sieve (mm)	70 (0.212)
U.V. Resistance	ASTM D 4355	%/hrs	70/500
TYPICAL ROLL DIMENSIONS			
Roll Dimensions		ft	12.5 x 360 15 x 300
Roll Area		yd²	500/600
Estimated Roll weight		lbs	146

NOTES:
1. MARV. Minimum Average Roll Value.
2. Maximum average roll value ASTM D 4751.
3. At the time of manufacturing. Handling may change these properties. Mullen Burst (ASTM D 3768) has been removed. It is not recognized by ASTM D 35 on Geosynthetics.
Puncture Strength (ASTM D 4833) has been removed. It is not recognized by AASHTO M288 and has been replaced with CBR Puncture (ASTM D 6241).

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Titan Environmental Containment

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Rev. March 2025