

TE-4.5

4.5oz CIVIL NONWOVEN GEOTEXTILE



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) | ASTM D 4632 | lbs (N) | 120 (534) |
| Elongation | ASTM D 4632 | % | 50 |
| CBR Puncture | ASTM D 6241 | lbs (N) | 340 (1490) |
| Trapezoid Tear | ASTM D 4533 | lbs (N) | 50 (222) |
| U.V. Resistance | ASTM D 4355 | %/hrs | 70/500 |
| Apparent Opening Size (AOS)* | ASTM D 4751 | U.S. Sieve (mm) | 70 (0.212) |
| Permittivity | ASTM D 4491 | sec ⁻¹ | 1.8 |
| Water Flow | ASTM D 4491 | gpm/ft ² (l/min/m ²) | 120 (4889) |
| TYPICAL ROLL DIMENSIONS | | | |
| Roll Dimensions | | ft | 12.5 x 360 15 x 300 |
| Roll Area | | yd ² | 500/600 |
| Estimated Roll Weight | | lbs | 152 |

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

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TITAN ENVIRONMENTAL CONTAINMENT

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