

TE-570HP

HIGH STRENGTH WOVEN GEOTEXTILE



TE-570HP is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. TE-570HP resists ultraviolet deterioration, rotting and biological degradation and is inert to commonly encountered soil chemicals.

TESTED PROPERTY	TEST METHOD	UNIT METRIC	VALUE ENGLISH
Tensile Strength (Grab)	ASTM D4632	2114 x 1958 N	475x 440
Elongation (Grab)	ASTM D4632	12% x 12%	12% x 12%
Trapezoidal Tear Strength	ASTM D4533	801 x 801 N	180 x 180 lbs
CBR Puncture	ASTM D6241	9,786.1 N	2,200 lbs
Ultimate Wide Width Tensile	ASTM D4595	70 x 70 kN/m	4,800 x 4,800 lbs/ft
Wide Tensile Modulus @ 2% Strain	ASTM D4595	14 x 19.3 kN/m	1,050 x 1,320 lbs/ft
Wide Tensile Strength @ 5% Strain	ASTM D4595	35 x 43.8 kN/m	2,400 x 3000 lbs/ft
UV Resistance (500 hrs)	ASTM D4355	80%	80%
Apparent Opening Size (AOS)*	ASTM D4751	0.60 mm	30 US Std. Sieve
Permittivity	ASTM D4491	0.50 sec ⁻¹	0.50 sec ⁻¹
Water Flow Rate	ASTM D4491	1,222 lpm/m ²	30 gpm/ft ²
Typical Roll Dimensions			
Roll Dimensions		4.6 m x 91.5 m	15 ft x 300 ft
Roll Area		418 m ²	500 yd ²

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.

TITAN ENVIRONMENTAL CONTAINMENT

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