

WOVEN GEOTEXTILE

HT500



Project Reference: SSGEO - Subgrade Stabilization Geosynthetics

SKAPS HT500 is a superior quality, geotextile composed of high tenacity polypropylene yarns which are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position. The fabric is inert to biological degradation and naturally encountered chemicals, alkalis, and acids. Polypropylene is stable within a pH range of 2 to 13.

SKAPS HT500 conforms to the physical property values listed below:

Property	Method	English (MARV ²)	Metric (MARV ²)
Grab Tensile	ASTM D 4632	625 x 525 lbs	2.78 x 2.33 kN
Grab Elongation		12 x 10%	
Wide Width Tensile @ 2% Strain	ASTM D 4595	480 x 1800 lb/ft	7.00 x 26.3 kN/m
Wide Width Tensile @ 5% Strain		1440 x 4380 lb/ft	21 x 69.3 kN/m
Trapezoidal Tear	ASTM D 4533	180 x 180 lbx	0.80 x 0.80 kN
CBR Puncture Resistance	ASTM D 6241	1950 lbs	8.67 kN
Water Flow ³	ASTM D 4491	75 gpm/ft ²	3056 lpm/m ²
Permittivity ³		1.0 sec ⁻¹	
AOS ³	ASTM D 4751	40 US Std. Sieve	0.425 mm
Interaction Coefficient	ASTM D 6706	0.9	
UV Resistance	ASTM D 4355	90%/500 hrs.	

Packaging

Roll Dimensions (W x L)	15 x 300 ft.	4.57 m x 91 m
Area Per Roll	500 sq. yards	416 sq. meters

Note

1. The property values listed above are subject to change without notice.
2. Minimum Average Roll Values (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
3. At time of manufacturing. Handling may change these properties.

This information is provided for reference purposes only and is not intended as a warranty or guarantee. SKAPS assumes no liability in connection with the use of this information.