

WOVEN GEOTEXTILE

HT400



Project Reference: SSGEO - Subgrade Stabilization Geosynthetics

SKAPS HT400 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 HT400 conforms to the physical property values listed below:

Property	Method	English (MARV ²)	Metric (MARV ²)
Grab Tensile	ASTM D 4632	475 x 350 lbs	2.11 x 1.55 kN
Grab Elongation		12 x 10%	
Wide Width Tensile @ 2% Strain	ASTM D 4595	600 x 1020 lb/ft	8.80 x 14.90 kN/m
Wide Width Tensile @ 5% Strain		1800 x 2256 lb/ft	26.3 x 32.9 kN/m
Trapezoidal Tear	ASTM D 4533	120 x 130 lbs	0.53 x 0.578 kN
CBR Puncture Resistance	ASTM D 6241	1770 lbs	7.87 kN
Water Flow ³	ASTM D 4491	80 gpm/ft ²	3260 lpm/m ²
Permittivity ³		0.90 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.

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