

NON-WOVEN GEOTEXTILE

GE - 160



SKAPS GE-160 is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GE-160 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2 to 13.



SKAPS GE-160 conforms to the Minimum Average Roll Values (MARV) listed below:

Property	Method	English (MARV ²)	Metric (MARV ²)
Weight	ASTM D 5261	6 oz/yd ²	203 g/m ²
Grab Tensile Strength	ASTM D 4632	160 lbs	0.711 kN
Grab Elongation	ASTM D 4632	50%	50%
Trapezoid Tear Strength	ASTM D 4533	65 lbs	0.29 kN
Thickness ⁴	ASTM D-5199	85 mils	2.16 mm
CBR Puncture Resistance	ASTM D 6241	450 lbs	2 kN
Permittivity ⁴	ASTM D 4491	1.63 sec ⁻¹	1.63 sec ⁻¹
Permeability ⁴	ASTM D 4491	0.48 cm/sec	0.48 cm/sec
Water Flow ⁴	ASTM D 4491	125 gpm/ft ²	5080 l/min/m ²
Apparent Opening Size (AOS) ^{3&4}	ASTM D 4751	70 US Sieve	0.212 mm
UV Resistance	ASTM D 4355	70%/500 hrs.	70%/500 hrs.

Packaging

Roll Dimensions (W x L)	15 x 900 ft.	4.58 m x 274.32 m
Area Per Roll	1500 sq. yards	1256 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. Maximum Average Roll Value (MaxARV)
4. 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.