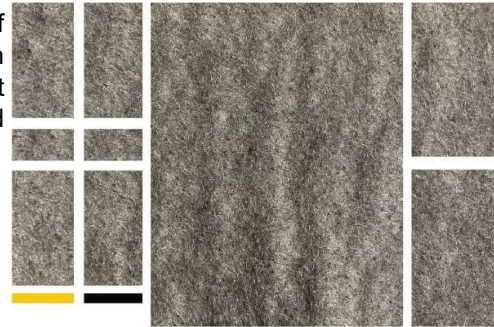


NON-WOVEN GEOTEXTILE

GE - 110



SKAPS GE-110 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-110 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2 to 13.



SKAPS GE-110 conforms to the Minimum Average Roll Values (MARV) listed below:

Property	Method	English (MARV ²)	Metric (MARV ²)
Weight	ASTM D 5261	10 oz/yd ²	339 g/m ²
Grab Tensile Strength	ASTM D 4632	270 lbs	1.2 kN
Grab Elongation	ASTM D 4632	50%	50%
Trapezoid Tear Strength	ASTM D 4533	100 lbs	0.44 kN
Thickness ⁴	ASTM D-5199	110 mils	2.79 mm
CBR Puncture Resistance	ASTM D 6241	725 lbs	3.22 kN
Permittivity ⁴	ASTM D 4491	0.94 sec ⁻¹	0.94 sec ⁻¹
Permeability ⁴	ASTM D 4491	0.30 cm/sec	0.30 cm/sec
Water Flow ⁴	ASTM D 4491	75 gpm/ft ²	3055 l/min/m ²
Apparent Opening Size (AOS) ^{3&4}	ASTM D 4751	100 US Sieve	0.15 mm
UV Resistance	ASTM D 4355	70%/500 hrs.	70%/500 hrs.

Packaging

Roll Dimensions (W x L)	15 x 570 ft.	4.58 m x 173.74 m
Area Per Roll	950 sq. yards	795.73 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.