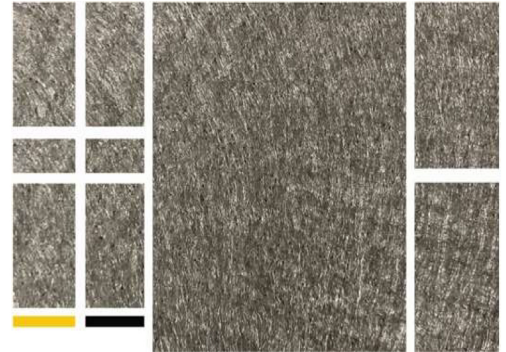# NON-WOVEN GEOTEXTILE

GT - 180

SKAPS GT-180 is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GT-180 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2 to 13. SKAPS GT-180 is NTPEP certified and meets requirements as per AASHTO Standards and/or D.O.T. Standards.

SKAPS GT-180 conforms to the Minimum Average Roll Values (MARV) listed below:

Property	Method	English (MARV[2])	Metric (MARV[2])
Grab Tensile Strength	ASTM D 4632	205 lbs.	0.911 kN
Grab Elongation	ASTM D 4632	50%	50%
Trapezoid Tear Strength	ASTM D 4533	85 lbs.	0.378 kN
CBR Puncture Resistance	ASTM D 6241	535 lbs	2.370 kN
Permittivity[4]	ASTM D 4491	1.4 sec^{-1}	1.4 sec^{-1}
Water Flow[4]	ASTM D 4491	95 gpm/ft^2	3870 l/min/m^2
Apparent Opening Size (AOS)[3&4]	ASTM D 4751	80 Std. U.S. Sieve	0.180 mm
UV Resistance	ASTM D 4355	70%/500 hrs.	70%/500 hrs.

Packaging

Roll Dimensions (W x L)	12.5 x 360 ft. 15 x 300 ft.	3.81 m x 109.8 m 4.6 m x 91.4 m
Area Per Roll	500 sq. yards	418.3 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.