



Sales Office:
 Engineered Synthetic Products, Inc.
 Tel (770) 564-1857
 Fax (770) 564-1818
 www.espgeosynthetics.com

Geotextile Product Description Sheet

SKAPS GT-170 Nonwoven Geotextile

SKAPS GT-170 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GT-170 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. SKAPS GT-170 conforms to the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)
Weight (Typical)	ASTM D 5261	oz/yd ² (g/m ²)	7.0 (237)
Grab Tensile	ASTM D 4632	lbs (kN)	180 (0.80)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	75 (0.333)
Puncture Resistance	ASTM D 4833	lbs (kN)	105 (0.467)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	475 (2.11)
Mullen Burst	ASTM D 3786	psi (kPa)	330 (2274)
Permittivity*	ASTM D 4491	sec ⁻¹	1.4
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	100 (4074)
AOS*	ASTM D 4751	US Sieve (mm)	70 (0.212)
UV Resistance	ASTM D 4355	%/hrs	70/500

PACKAGING	
Roll Dimensions (W x L) – ft	12.5 x 360 / 15 x 300
Square Yards Per Roll	500
Estimated Roll Weight – lbs	220

* At the 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.

SKAPS Industries,
 335 Athena Drive, Athens GA 30601
 Phone:(706)-354-3700, Fax(706)-354-3737,

www.skaps.com

Made in U.S.A.