



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

**Geotextile Product Description Sheet
 SKAPS GE-170
 Nonwoven Geotextile**

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

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)
Weight	ASTM D 5261	oz/yd ² (g/m ²)	7.0 (237)
Grab Tensile	ASTM D 4632	lbs (kN)	200(0.889)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	75(0.33)
Thickness*	ASTM D 5199	mils (mm)	90(2.29)
CBR Puncture	ASTM D 6241	lbs (kN)	540 (2.40)
Permittivity*	ASTM D 4491	sec ⁻¹	1.40
Permeability*	ASTM D 4491	cm/sec	0.3
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	110 (4470)
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	15 x 780
Square Yards Per Roll	1300
Estimated Roll Weight – lbs	620

* 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 Dr., Athens, GA 30601,
 Phone:(706)-354-3700, Fax(706)-354-3737,
 www.skaps.com

Made in U.S.A.