



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

Geotextile Product Description Sheet

SKAPS GE-116 Nonwoven Geotextile

SKAPS GE-116 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GE-116 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. SKAPS GE-116 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)	16.0 (542)
Grab Tensile	ASTM D 4632	lbs (kN)	425(1.89)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	150(0.667)
Thickness*	ASTM D 5199	mils (mm)	175(4.45)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	1200 (5.34)
Permittivity*	ASTM D 4491	sec ⁻¹	0.57
Permeability*	ASTM D 4491	cm/sec	0.25
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	45 (1833)
AOS	ASTM D 4751	US Sieve (mm)	100 (0.150)
UV Resistance	ASTM D 4355	%/hrs	70/500

PACKAGING	
Roll Dimensions (W x L) – ft	15 x 360
Square Yards Per Roll	600
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.