



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

Geotextile Product Description Sheet

SKAPS GE-116 16 oz 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/sy (g/m ²)	16.0 (542)
Thickness*	ASTM D 5199	mils (mm)	175 (4.45)
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 (.667)
Puncture Resistance	ASTM D 4833	lbs (kN)	240 (1.07)
Mullen Burst Strength	ASTM D 3786	psi (kPa)	800 (5512)
Permittivity*	ASTM D 4491	sec ⁻¹	.57
Permeability*	ASTM D 4491	cm/sec	.25
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	45 (1833)
AOS*	ASTM D 4751	US Sieve (mm)	100 (.150)
UV Resistance	ASTM D 4355	%/hrs	70/500

* At the time of manufacturing. Handling, storage, and shipping may change these properties.

PACKAGING	
Roll Dimensions (W x L) – ft	15 x 360
Square Yards Per Roll	600
Estimated Roll Weight - lbs	620

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, 316 S. Holland Dr., Pendergrass, GA 30567, Phone (706) 693-3440, Fax (706) 693-3450, Email: info@skaps.com

Made in U.S.A.