



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)	TYPICAL VALUE** (Average Roll Value)
Weight	ASTM D 5261	oz/sy (g/sm)	16.0 (542)	16.8 (570)
Thickness*	ASTM D 5199	Mils (mm)	175 (4.45)	197 (5.00)
Grab Tensile	ASTM D 4632	lbs (kN)	425 (1.89)	490 (2.18)
Grab Elongation	ASTM D 4632	%	50	> 70
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	150 (0.690)	168 (0.750)
Puncture Resistance	ASTM D 4833	lbs (kN)	240 (1.07)	270 (1.20)
Puncture Resistance - CBR	ASTM D 6241	lbs (kN)	1202 (5.34)	1440 (6.4)
Mullen Burst Strength	ASTM D 3786	psi (kpa)	800 (5517)	850 (5862)
Permittivity*	ASTM D 4491	sec ⁻¹	0.57	0.70
Permeability*	ASTM D 4491	cm/sec	0.25	0.35
Water Flow*	ASTM D 4491	gpm/ft ² (l/s/m ²)	45 (30.6)	53 (36.0)
AOS*	ASTM D 4751	US Sieve (mm)	100 (.150)	140 – 100 (.11 - .150)
UV Resistance	ASTM D 4355	%/hrs	70/500	80/500

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

** Typical values are giving for product comparison purpose only.

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.

PACKAGING	
Roll Dimensions (W x L) – ft	12.5 x 180 / 15 x 300
Square Yards Per Roll	250 / 500
Estimated Roll Weight – lbs	280 / 545

Effective Date: 01/04/2010

MADE IN U.S.A.