



GE-160

nonwoven geotextile

Style GE-160 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. **GE-160** resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a ph range of 2 to 13. **GE-160** conforms to the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)	TYPICAL VALUE**
Nominal Weight	ASTM D 5261	oz/sy (g/sm)	6.0 (203)	6.3 (215)
Nominal Thickness	ASTM D 5199	mils (mm)	85 (2.16)	87 (2.21)
Grab Tensile	ASTM D 4632	lbs (kN)	165 (.733)	180 (0.800)
Grab Elongation	ASTM D 4632	%	50	70
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	70 (.311)	81 (0.360)
Puncture Resistance	ASTM D 4833	lbs (kN)	95 (.422)	104 (0.462)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	450 (2.000)	560 (2.490)
Mullen Burst Strength	ASTM D 3786	psi (kPa)	325 (2241)	350 (2414)
Permittivity*	ASTM D 4491	l/sec	1.63	1.8
Permeability*	ASTM D 4491	cm/sec	0.42	0.48
Water Flow*	ASTM D 4491	gpm/ft ² (l/sec/m ²)	125 (84.7)	135 (91.7)
AOS*	ASTM D 4751	US Sieve (mm)	100 (.150)	100 (0.150)
UV Resistance	ASTM D 4355	%/hrs	70/500	80/500

* At the time of manufacturing. Handling, storage and shipping may change these properties. ** Typical property values are for comparison purpose only.

This information is provided for reference purposes only and is not intended as a warranty or guarantee. Skaps Industries assumes no liability in connection with the use of this information.

PACKAGING	
Roll Dimensions (W x L) – Feet	12.5 x 360 / 15 x 300
Square Yards Per Roll	500
Estimated Roll Weight - Lbs	195

Date Issued: 06/01/2010

Made in U.S.A.