

# PRODUCT DATA SHEET

## GEOTEX® 2131

**Geotex 2131**, produced by Propex, is a polypropylene woven flat tape silt fence fabric with an interwoven draw tape. This engineered fabric is stabilized to resist degradation due to ultraviolet exposure. It is resistant to commonly encountered soil chemicals, mildew and insects, and is non-biodegradable. Polypropylene is stable within a pH range of 2 to 13, making it one of the most stable polymers available for geotextiles today.

**Geotex 2131** conforms to the property values listed below<sup>1</sup>. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

PROPERTY	TEST METHOD	MARV <sup>2</sup>	
		ENGLISH	METRIC
<b>Mechanical</b>			
Tensile Strength (Grab)	ASTM D-4632	124 x 124 lbs	550 x 550 N
Elongation	ASTM D-4632	15 x 20%	15 x 20%
Puncture	ASTM D-4833	65 lbs	285 N
Mullen Burst	ASTM D-3786	300 psi	2060 kPa
Trapezoidal Tear	ASTM D-4533	65 lbs	285 N
<b>Endurance</b>			
UV Resistance	ASTM D-4355	80%	80%
<b>Hydraulic</b>			
Apparent Opening Size (AOS) <sup>3</sup>	ASTM D-4751	30 US Std. Sieve	0.600 mm
Permittivity	ASTM D-4491	0.10 sec <sup>-1</sup>	0.10 sec <sup>-1</sup>
Water Flow Rate	ASTM D-4491	10 gpm/ft <sup>2</sup>	405 l/min/m <sup>2</sup>
<b>Roll Sizes<sup>4</sup></b>		3 ft x MR	0.91 m x MR

#### NOTES:

1. The property values listed above are effective 08/2006 and are subject to change without notice.
2. Values for machine (warp) and cross-machine (fill), respectively, under dry or saturated conditions. Minimum average roll values (MARV) are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported.
3. Maximum average roll value.
4. MR indicates Master Roll.



THE ADVANTAGE CREATORS.™

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