

PRODUCT DATA SHEET

GEOTEX® 2134

Geotex 2134, produced by Propex, is a black polypropylene woven monofilament silt fence fabric. 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 2134 conforms to the property values listed below¹. 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 ²	
		ENGLISH	METRIC
Mechanical			
Tensile Strength (Grab)	ASTM D-4632	130 x 130 lbs	578 x 578 N
Elongation	ASTM D-4632	15 x 15%	15 x 15%
Puncture	ASTM D-4833	N/A	N/A
Mullen Burst	ASTM D-3786	300 psi	2067 kPa
Trapezoidal Tear	ASTM D-4533	N/A	N/A
Endurance			
UV Resistance	ASTM D-4355	70%	70%
Hydraulic			
Apparent Opening Size (AOS) ³	ASTM D-4751	30 US Std. Sieve	0.600 mm
Permittivity	ASTM D-4491	1.4 sec ⁻¹	1.4 sec ⁻¹
Water Flow Rate	ASTM D-4491	100 gpm/ft ²	4070 l/min/m ²
Roll Sizes⁴		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.



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