

PRODUCT DATA SHEET

GEOTEX® 2127

Geotex 2127 is a polypropylene woven silt fence fabric produced by Propex. 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, and is designed to fulfill contractors' needs in the silt fence market.

Geotex 2127 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	TYPICAL ²	
		ENGLISH	METRIC
Mechanical			
Tensile Strength (Grab)	ASTM D-4632	95 x 80 lbs	422 x 355 N
Elongation	ASTM D-4632	20 x 25%	20 x 25%
Puncture	ASTM D-4833	45 lbs	200 N
Mullen Burst	ASTM D-3786	250 psi	1700 kPa
Trapezoidal Tear	ASTM D-4533	50 lbs	222 N
Endurance			
UV Resistance	ASTM D-4355	80%	80%
Hydraulic			
Apparent Opening Size (AOS) ³	ASTM D-4751	20 US Std. Sieve	0.850 mm
Permittivity	ASTM D-4491	0.05 sec ⁻¹	0.05 sec ⁻¹
Water Flow Rate	ASTM D-4491	5 gpm/ft ²	200 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. A TYPICAL value is the average value obtained when testing the product.
3. Maximum average roll value.
4. MR indicates Master Roll.



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