GEOTEX® Woven

Product Data

GEOTEX® 2130

GEOTEX® 2130 is a 100% polypropylene woven flat tape; silt fence fabric and will meet the AASHTO M-288 and ASTM D-4439 for silt fence and geotextile usage. This engineered fabric is stabilized to resist degradation due to ultraviolet exposure for a minimum of six months of the expected usable construction life at a temperature of 0 to 120 degrees Fahrenheit. It is resistant to commonly encountered soil chemicals, mildew, and insects, as well as non-biodegradable. Polypropylene is stable within a pH range of 2 to 13, making it one of the most stable polymers for geotextiles today.

GEOTEX® 2130 conforms to the property values listed below[1]. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP). This product is NTPEP tested for AASHTO standards.

		MARV[2]	
PROPERTY	TEST METHOD	ENGLISH	METRIC
MECHANICAL			
Grab Tensile Strength	ASTM D-4632	124 lbs	552 N
Grab Elongation	ASTM D-4632	15 x 20 %	15 x 20 %
Trapezoidal Tear	ASTM D-4533	60 lbs	267 N
ENDURANCE			
UV Resistance at 500 hrs	ASTM D-4355	80%	80%
HYDRAULIC			
Apparent Opening Size (AOS)[3]	ASTM D-4751	30 US Std. Sieve	0.600 mm
Permittivity	ASTM D-4491	0.05 sec^{-1}	0.05 sec^{-1}
Water Flow Rate	ASTM D-4491	10 gpm/ft^2	407 $l/min/m^2$
ROLL SIZES[4]		3.0 ft x 1500 ft 3.5 ft x 330 ft	0.91 m x 457.3 m 1.07 m x 100.6 m

NOTES:

1. The property values listed above are effective 01/09/2019 and are subject to change without notice.
2. Values shown are in weaker principal direction. 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. Values represent testing at time of manufacture.
3. Maximum average roll value.
4. Contact your local Territory Business Manager (TBM) for custom widths and colors. Lead times may vary depending on customer requirements and volume requested.

Propex GEOSOLUTIONS

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