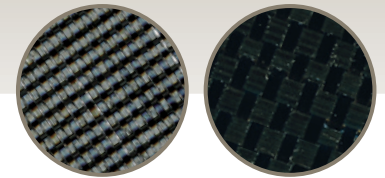


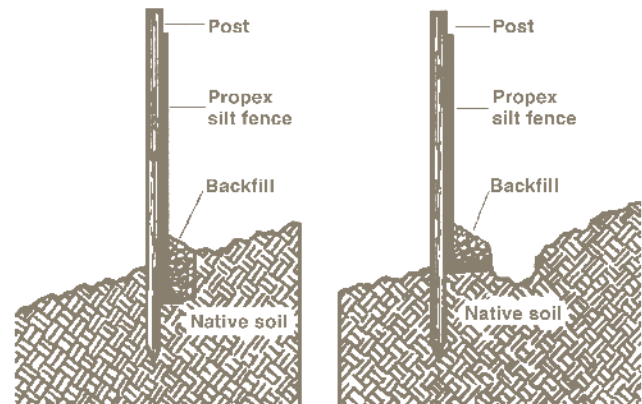
GEOTEX® SILT FENCE FABRICS



Geotex® silt fence fabrics offer a unique combination of ultraviolet (UV) resistance, strength and hydraulic properties, making them ideal for use in sediment control applications. When attached to wood or metal posts and properly trenched into the soil, silt fence fabrics contain overland flow and filter suspended soil particles from water. This not only allows the water to drain efficiently, it also prevents environmental damage to areas next to construction sites. Plus, as sediment accumulates, the fabric's high tensile strength, UV resistance and low maintenance features ensure continued performance throughout the entire life of the project.

FEATURES & BENEFITS

- ▶ Contains additives for maximum UV resistance
- ▶ Provides months of solid performance
- ▶ Unsurpassed filtration properties
- ▶ Reduced run-off velocities
- ▶ Minimal clearing and grubbing required for installation



PROPEX SILT FENCE PRODUCT FAMILY TABLE

WOVEN SILT FENCE	NONWOVEN SILT FENCE
GEOTEX 2130	GEOTEX® 351

APPLICATION RECOMMENDATIONS FOR GEOTEX® SILT FENCE FABRICS

APPLICATION	ORGANIZATION / REFERENCE #	PROPEX STYLE
Offers the highest soil filtering efficiency and the lowest flow rate to meet requirements for unsupported silt fence	AASHTO M288-05 ASTM D-5141 VTM 51	2130
Nonwoven geotextile used when a supported nonwoven silt fence is required	AASHTO M288-05	351

GEOTEX® SILT FENCE FABRICS

GEOTEX® SILT FENCE FABRICS PROPERTY TABLE¹ ENGLISH & METRIC UNITS

							Contains Draw Tape		Nonwoven Supported		
				2130			2130D		351		
PROPERTY	TEST METHOD	UNIT	VALUE ⁵								
MECHANICAL	GRAB TENSILE STRENGTH (MD/XD) ²	ASTM D-4632	lb N	MARV	124 x 124 550 x 550			124 x 124 550 x 550		95 423	
	GRAB ELONGATION (MD/XD) ²	ASTM D-4632	%	MARV	15 x 20			15 x 20		50	
	PUNCTURE STRENGTH	ASTM D-4833	lb N	MARV	65 285			65 285		245	
	MULLEN BURST	ASTM D-3786	psi kPa	MARV	300 2060			300 2060		185 1275	
	TRAPEZOIDAL TEAR	ASTM D-4533	lb N	MARV	65 285			65 285		40 175	
HYDRAULIC	APPARENT OPENING SIZE (AOS)	$\frac{\text{OPENING AREA}}{\text{TOTAL AREA}} \times 100$	US Sieve mm	MaxARV	30 0.600			30 0.600		50 0.300	
	PERMITTIVITY	ASTM D-4491	sec ⁻¹	MARV	0.10			0.10		2	
	WATER FLOW RATE	ASTM D-4491	gpm/ft ² l/min/m ²	MARV	8 325			10 405		150 6112	
ENDURANCE	UV RESISTANCE	ASTM D-4355	% Retained @ 500 hours	MARV	80			80		70	
COLOR				Black			Black		Black		
PACKAGING	ROLL WIDTH	MEASURED	ft m	TYPICAL	3 .91	3.5 1.06	3 .91	3 .91	5 1.52	12.5 3.81	15 4.57
	ROLL LENGTH ⁶	MEASURED	ft m	TYPICAL	MR	MR	1500 457	MR	330 101	360 109.7	360 109.7
	ROLL WEIGHT	MEASURED	lb kg	TYPICAL	414 188	483 219	110 50	310 141	54 24	141 64	168 76
	ROLL AREA	MEASURED	yd ² m ²	TYPICAL	2000 1672	2333 1951	500 418	1500 1254	183.3 153.3	2333 1672	600 502

NOTES: 1. The property values listed are effective 06/2009 and are subject to change without notice. 2. MD indicates Machine Direction and XD indicates Cross Direction. 3. Physical and hydraulic properties of style 2127 are reported as typical average roll values. 4. N/A= Not Applicable. 5. All values listed are Minimum Average Roll Values (MARV) unless otherwise noted, calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any sample taken during quality assurance testing will exceed the value reported. Maximum Average Roll Values (MaxARV) are calculated as typical plus two standard deviations. 6. MR: Indicates Master Roll

For downloadable documents like construction specifications, installation guidelines, case studies and other technical information, please visit our web site at geotextile.com. These documents are available in easy-to-use Microsoft® Word format.



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