

2130

Propex 2130 is a polypropylene woven 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. We wish to advise that **Propex 2130** meets the following minimum average roll values:

Property	Test Method	Minimum Average Roll Value (English)	Minimum Average Roll Value (Metric)
Grab Tensile	ASTM-D-4632	124x124 lbs	0.550x 0.550 kN
Grab Elongation	ASTM-D-4632	15% x 20%	15% x 20 %
Mullen Burst	ASTM-D-3786	300 psi	2060 kPa
Puncture	ASTM-D-4833	65 lbs	0.285 kN
Trapezoidal Tear	ASTM-D-4533	65 lbs	0.285 kN
UV Resistance	ASTM-D-4355	80 %	80 %
AOS ⁽¹⁾	ASTM-D-4751	30 sieve	0.600 mm
Permittivity	ASTM-D-4491	0.05 sec ⁻¹	0.05 sec ⁻¹
Flow Rate	ASTM-D-4491	10 gal/min/ft ²	405 L/min/m ²

(1) max. average roll values

Propex Fabrics Inc. manufactures the woven fabric indicated above. The values listed are a result of testing conducted in on-site laboratories.

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Exclusion of Liability

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silt fence & landscape

Geotextile Applications

Overview

Subgrade-Roadbase

Improvement

Pavement Enhancement

Subsurface Drainage

Erosion Control

Walls & Slopes

Containments

Silt Fence & Landscape

Railroad



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- [Benefits](#)
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Areas of Application

Silt Fences are used for any construction site with the potential for soil sediment runoff due to precipitation. Landscaping fabrics are used for weed control and separation in landscape applications.

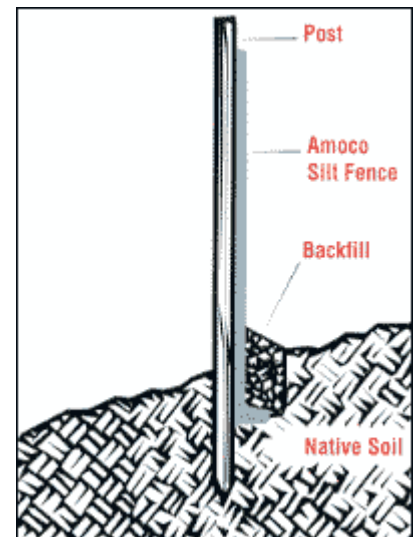
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Design Challenges

Many construction activities disturb vegetation and the topsoil is vulnerable to being washed away by the rain. This sediment often contaminates the surrounding areas and typically ends up in streams, rivers and lakes, killing fish and other aquatic life. To assure the retention of this harmful sediment, a barrier must be properly placed to control the water runoff. Geotextile silt fences have been properly designed and specified to accomplish this task.

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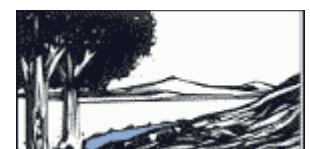
Benefits

ProPex temporary silt fences perform a vital function for the construction industry and provide economical environmental protection. As a filter, ProPex silt fences can help to control water runoff, retaining the silt particles and allowing clean water to pass or filter through the fabric. Propex silt fence fabrics are made from either woven or nonwoven polypropylene yarns or fibers that have been treated to resist degradation caused by exposure to sunlight. For landscape areas, our ProPex nonwoven fabrics are calendared to control the weeds while allowing the water and nutrients to get the plant roots.

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Recommended Products

Propex Fabrics' broad selection of silt fence and landscape products gives you the advantage of specifying the one that best suits your job and meets local regulatory requirements. Many Propex Fabrics distributors offer our ProPex silt fence fabric pre-assembled with posts, draw tape and/or support



backing to facilitate quick and easy installation. Current available products include the following:

Propex 1198 - This silt fence was designed to offer high flow rate, very high strength and long service life, with enhanced resistance to sunlight exposure.

Propex 2127 - This is Propex Fabrics' most economical silt fence fabric, designed to meet the needs of the open-specification market.

Propex 2130 - Offers the highest soil filtering efficiency, and a low flow rate to meet ASTM D-5141 and VTM 51 requirements. It also meets AASHTO M288 requirements for an unsupported silt fences.

Propex 2134 - A black woven monofilament fabric with a very high flow rate. It Exceeds AASHTO M288 requirements for an unsupported silt fences.

Propex 2135 - An Orange woven monofilament fabric with a very high flow rate. It Exceeds AASHTO M288 requirements for an unsupported silt fences.

Propex 4545 - This fabric meets AASHTO M288-00 requirements for supported silt fence.

Propex 4530 - A specially designed nonwoven landscape fabric.

Propex 4418 - A specially designed woven landscape fabric.

For additional information go to the [Silt Fence](#) and [Landscape](#) brochures.

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- [American Society for Testing and Materials \(ASTM\)](#)
- [American Association of State Highways and Transportation Officials \(AASHTO\)](#)
- [Geosynthetic Materials Association \(GMA\)](#)

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