

## Product Evaluation

### RE: Review of Geotex 2130

#### **PRODUCT**

Geotex 2130 is a silt fence. It is manufactured and distributed by Propex Operating Company, LLC. located at Chattanooga, Tennessee, USA.

#### **VENDOR CLAIMS AND INFORMATION**

##### **CLAIMS:**

GEOTEX 2130 will meet the AASHTO M-288 and ASTM D 4439 for silt fence and geotextile usage. The 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. Product web link: <http://propexglobal.com/>

##### **DESCRIPTION:**

GEOTEX 2130 is a 100% polypropylene woven flat tape silt fence fabric with the roll size of 3ft X 1500 ft. or 3.5 ft. X 330 ft.

##### **POTENTIAL USAGE:**

The silt fence can be used to protect streams, rivers, lakes and other water resources from contamination by silt, sediment and construction debris.

##### **STANDARDS:**

ASTM D4632 Grab Tensile Strength and Elongation, ASTM D4533 Trapezoidal Tear  
ASTM D4751 Apparent Opening Size, ASTM D4491 Permittivity, ASTM D4355 UV Resistance

#### **ALBERTA TRANSPORTATION COMMENTS**

##### **EXPERIENCE:**

Alberta Transportation has experience with silt fences in general.

##### **APPLICATION STANDARDS:**

Alberta Transportation has a standard for silt fence materials as found in BMP #1, Erosion and Sediment Control Manual, 2011.

##### **RECOMMENDATIONS:**

GEOTEX 2130 Silt Fence be listed as a Potential Product under Alberta Transportation Product List, Erosion Control Systems – Silt Fence – Proprietary, based on the information provided.

#### **TRIAL PROJECTS**