



## MATERIAL SPECIFICATIONS CURLEX® SiltTRAP™

### Materials:

Great Lakes Aspen (naturally seed free)  
Polypropylene Netting  
Stitching Thread  
QuickGRASS® (green excelsior – optional)

### Typical Roll Sizes:

Width:	4.0 ft (1.2 m)	8.0 ft (2.4 m)	16.0 ft (4.9 m)
Length:	112.5 ft (34.29 m)	112.5 ft (34.29 m)	112.5 ft (34.29 m)
Area:	50.0 yd <sup>2</sup> (41.8 m <sup>2</sup> )	100.0 yd <sup>2</sup> (83.6 m <sup>2</sup> )	200.0 yd <sup>2</sup> (167.2 m <sup>2</sup> )
Weight:	36.5 lb (16.6 kg)	73.0 lb (33.1 kg)	146.0 lb (66.2 kg)

### Description:

Curlex SiltTRAP is designed for erosion control, sediment control, and perimeter control. Curlex SiltTRAP excelsior buffer strip is a natural, stitched excelsior product that provides erosion control to the soil it is placed upon and captures sediment (sediment control) produced by sheet flow before it overflows curbs and dumps on to streets (perimeter control). Typically, Curlex SiltTRAP is suitable for slopes up to 8H:1V and should not be used in areas where concentrated flows are anticipated. Curlex SiltTRAP is furnished in rolls with polyethylene wrapping to protect against the elements prior to installation, and may be ordered in Master-Paks of fifteen rolls banded together to minimize material handling requirements. Curlex SiltTRAP is also available as QuickGRASS (green pigment). Curlex SiltTRAP shall be manufactured in the U.S.A.

### Physical Properties:

Fiber:	Great Lakes Aspen (naturally seed free) Curled, interlocking fibers with barbed edges
Fiber Size:	80% of fibers a minimum of 6 in (15.2 cm) long 0.038 in ± 0.008 in wide x 0.018 in ± 0.003 in thick (0.97 mm ± 0.20 mm wide x 0.46 mm ± 0.08 mm thick)
Weight <sup>a</sup> :	0.73 lb/yd <sup>2</sup> (0.40 kg/m <sup>2</sup> ) ± 10% @ 22% Moisture
Thread Pattern:	No more than 4.0 in (10.2 cm) transverse stitch spacing
Net Material:	Polypropylene (green with oxo-biodegrader and UV degrader additives or white with UV degrader additive)
Net Openings:	1.0 in wide x 2.0 in long (25.4 mm wide x 50.8 mm long)
Net Configuration:	Top side only or both top and bottom

<sup>a</sup> Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of Great Lakes Aspen excelsior is 22%.





**MANUFACTURER'S CERTIFICATION**  
**CURLEX® SiltTRAP™ - Excelsior Buffer Strip**

**Manufacturer:**

American Excelsior Company  
831 Pioneer Avenue  
Rice Lake, WI 54868  
1-866-9FIBERS (1-866-934-2377)

**Project Information (if applicable):**

**Name:**

**Location:**

**Number:**

**Statement**

We hereby certify that the above referenced material is manufactured to meet or exceed the following specification:

Fiber:	Great Lakes Aspen (naturally seed free) Curled, interlocking fibers with barbed edges
Fiber Size:	80% of fibers a minimum of 6 in (15.2 cm) long 0.038 in $\pm$ 0.008 in wide x 0.018 in $\pm$ 0.003 in thick (0.97 mm $\pm$ 0.20 mm wide x 0.46 mm $\pm$ 0.08 mm thick)
Product Length:	-0 ft (m) + 2.0 ft (0.6 m)
Product Width:	-0 in (mm) + 1.0 in (25.4 mm)
Weight <sup>a</sup> :	0.73 lb/yd <sup>2</sup> (0.40 kg/m <sup>2</sup> ) $\pm$ 10% @ 22% Moisture
Thread Pattern:	No more than 4.0 in (10.2 cm) transverse stitch spacing
Net Material:	Polypropylene (green with oxo-biodegrader and UV degrader additives or white with UV degrader additive)
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Tony Johnson - General Manager, Rice Lake

Effective Date

**Note:** This Certification expires, without notice, if document is updated by American Excelsior Company (AEC). Current Material Specifications and Manufacture's Certifications (MSMC) for AEC products shall be accessed from [www.Curlex.com](http://www.Curlex.com) at all times.

