



**PRODUCT DATA SHEET**  
**CURLEX® SiltTRAP™ SINGLE NET**

**DESCRIPTION**

Curlex SiltTRAP Single Net excelsior buffer strip consists of a specific cut of naturally seed free Great Lakes Aspen curled wood excelsior with 80% six-inch fibers or greater fiber length. It is of consistent thickness with fibers evenly distributed throughout the entire area of the product. The top of Curlex SiltTRAP Single Net is covered with one of a variety of available nettings. Product index values may vary slightly depending on the type of netting used on the buffer strip. Curlex SiltTRAP Single Net is also available as QuickGRASS® (green pigment). Curlex SiltTRAP Single Net shall be manufactured in the U.S.A.

Curlex SiltTRAP Single Net is typically suitable for slopes up to 8H:1V and should not be used in areas where concentrated flows are anticipated.

**PHYSICAL PROPERTIES**

Curlex SiltTRAP Single Net measurements at time of manufacturing:

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 <sup>a</sup>	36.5 lb (16.6 kg)	73.0 lb (33.1 kg)	146.0 lb (66.2 kg)
Fiber Count	≈7,000 per yd <sup>2</sup> (≈8,400 per m <sup>2</sup> )	≈7,000 per yd <sup>2</sup> (≈8,400 per m <sup>2</sup> )	≈7,000 per yd <sup>2</sup> (≈8,400 per m <sup>2</sup> )
Fiber Length (80% min.)	≥6.0 in (≥15.2 cm)	≥6.0 in (≥15.2 cm)	≥6.0 in (≥15.2 cm)
Mass per Unit Area (± 10%)	0.73 lb/yd <sup>2</sup> (0.40 kg/m <sup>2</sup> )	0.73 lb/yd <sup>2</sup> (0.40 kg/m <sup>2</sup> )	0.73 lb/yd <sup>2</sup> (0.40 kg/m <sup>2</sup> )
Net Openings	1.0 in x 2.0 in (25.4 mm x 50.8 mm)	1.0 in x 2.0 in (25.4 mm x 50.8 mm)	1.0 in x 2.0 in (25.4 mm x 50.8 mm)

**TYPICAL INDEX VALUES**

<u>Index Property</u>	<u>Test Method</u>	<u>Value</u>
Thickness	ASTM D 6525	0.411 in (10.44 mm)
Light Penetration	ASTM D 6567	20.5%
Resiliency	ASTM D 1777/ECTC	59%
Mass per Unit Area	ASTM D 6475	0.57 lb/yd <sup>2</sup> (0.309 kg/m <sup>2</sup> )
MD-Tensile Strength Max.	ASTM D 6818	78.0 lb/ft (1.14 kN/m)
TD-Tensile Strength Max.	ASTM D 6818	37.2 lb/ft (0.54 kN/m)
MD-Elongation	ASTM D 6818	20.3%
TD-Elongation	ASTM D 6818	14.3%
Swell	ECTC Procedure	49%
Water Absorption	ASTM D 1117/ECTC	253%
Germination Improvement	ASTM D 7322	572%

<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%.

