



## **PRODUCT DATA SHEET**

### **CURLEX® ROADRUNNER™ SINGLE NET**

#### **DESCRIPTION**

Curlex RoadRunner Single Net erosion control blanket (ECB) 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 blanket. The top of each blanket is covered with one of two available nettings. Product index values may vary slightly depending on the type of netting used on the blanket. Curlex RoadRunner Single Net is also available as QuickGRASS® (green pigment). Curlex RoadRunner Single Net shall be manufactured in the U.S.A.

Curlex RoadRunner Single Net has a design soil loss ratio (event-based RUSLE C factor) of .018 and is typically suitable for slopes up to 2H:1V<sup>a</sup>. Curlex RoadRunner Single Net is rated for channel flows up to 7.0 ft/s (2.1 m/s) and 1.75 lb/ft<sup>2</sup> (84 Pa) shear stress.

<sup>a</sup> Slope steepness is dependent on the safe operating limits of the installation equipment. Refer to equipment safety manual.

#### **PHYSICAL PROPERTIES**

Curlex RoadRunner measurements at time of manufacturing:

<b>Width</b>	8.0 ft (2.4 m)
<b>Length</b>	550.0 ft (167.6 m)
<b>Area</b>	488.9 yd <sup>2</sup> (408.8 m <sup>2</sup> )
<b>Weight<sup>b</sup></b>	356.9 lb (162.0 kg)
<b>Fiber Count</b>	≈7,000 per yd <sup>2</sup> (≈8,400 per m <sup>2</sup> )
<b>Fiber Length (80% min.)</b>	≥6.0 in (≥15.2 cm)
<b>Mass per Unit Area (± 10%)</b>	0.73 lb/yd <sup>2</sup> (0.40 kg/m <sup>2</sup> )
<b>Net Openings</b>	1.0 in x 2.0 in (25.4 mm x 50.8 mm)

#### **TYPICAL INDEX VALUES**

<b>Index Property</b>	<b>Test Method</b>	<b>Value</b>
Thickness	ASTM D 6525	0.411 in (10.44 mm)
Light Penetration	ECTC Procedure	45%
Resiliency	ASTM D 1777/ECTC	59%
Mass per Unit Area	ASTM D 5261/ECTC	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%
Bench-Scale Rain Splash	ECTC Method 2	SLR = 5.76 @ 2 in/hr <sup>c,d</sup>
Bench-Scale Rain Splash	ECTC Method 2	SLR = 7.16 @ 4 in/hr <sup>c,d</sup>
Bench-Scale Rain Splash	ECTC Method 2	SLR = 8.90 @ 6 in/hr <sup>c,d</sup>
Bench-Scale Shear	ECTC Method 3	2.32 lb/ft <sup>2</sup> @ 0.5 in soil loss <sup>d</sup>
Germination Improvement	ECTC Method 4	572%

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

<sup>c</sup> SLR is the Soil Loss Ratio, as reported by NTPEP/AASHTO. <sup>d</sup> Bench-scale index values should not be used for design purposes.

