



## **PRODUCT DATA SHEET**

### **CURLEX® ROADRUNNER™ DOUBLE NET**

#### **DESCRIPTION**

Curlex RoadRunner Double 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 and bottom of each blanket is covered with degradable polypropylene netting. Curlex RoadRunner Double Net is also available as QuickGRASS® (green pigment). Curlex RoadRunner Double Net shall be manufactured in the U.S.A.

Curlex RoadRunner Double Net has a design soil loss ratio (event-based RUSLE C factor) of .022 and is typically suitable for slopes up to 1.5H:1V<sup>a</sup>. Curlex RoadRunner Double Net is rated for channel flows up to 9.0 ft/s (2.7 m/s) and 2.25 lb/ft<sup>2</sup> (108 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 Double Net 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	0.418 in (10.62 mm)
Light Penetration	ASTM D 6567	34.6%
Resiliency	ASTM D 6524	64%
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	127.0 lb/ft (1.85 kN/m)
TD-Tensile Strength Max.	ASTM D 6818	50.9 lb/ft (0.74 kN/m)
MD-Elongation	ASTM D 6818	28.64%
TD-Elongation	ASTM D 6818	29.84%
Swell	ECTC Procedure	89%
Water Absorption	ASTM D 1117/ECTC	199%
Bench-Scale Rain Splash	ECTC Method 2	SLR = 6.84 @ 2 in/hr <sup>c,d</sup>
Bench-Scale Rain Splash	ECTC Method 2	SLR = 7.19 @ 4 in/hr <sup>c,d</sup>
Bench-Scale Rain Splash	ECTC Method 2	SLR = 7.56 @ 6 in/hr <sup>c,d</sup>
Bench-Scale Shear	ECTC Method 3	2.6 lb/ft <sup>2</sup> @ 0.5 in soil loss <sup>d</sup>
Germination Improvement	ECTC Method 4	645%

<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.

