American Excelsior Company®
Earth Science Division

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# 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 $yd^2$ (41.8 $m^2$) | 100.0 $yd^2$ (83.6 $m^2$) | 200.0 $yd^2$ (167.2 $m^2$) |
| **Weight**[a] | 36.5 lb (16.6 kg) | 73.0 lb (33.1 kg) | 146.0 lb (66.2 kg) |
| **Fiber Count** | ≈7,000 per $yd^2$ (≈8,400 per $m^2$) | ≈7,000 per $yd^2$ (≈8,400 per $m^2$) | ≈7,000 per $yd^2$ (≈8,400 per $m^2$) |
| **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/$yd^2$ (0.40 kg/$m^2$) | 0.73 lb/$yd^2$ (0.40 kg/$m^2$) | 0.73 lb/$yd^2$ (0.40 kg/$m^2$) |
| **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

| Index Property | Test Method | Value |
|---|---|---|
| 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/$yd^2$ (0.309 kg/$m^2$) |
| 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 | ECTC Method 4 | 572% |

[a] Weight is based on a dry fiber weight basis at time of manufacture. Baseline moisture content of Great Lakes Aspen excelsior is 22%.

MADE IN THE U.S.A

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