American Excelsior Company®
Earth Science Division

Proud Participant in NTPEP and Proud Member of:

PRODUCT DATA SHEET
CURLEX® SiltTRAP™ DOUBLE NET

DESCRIPTION

Curlex SiltTRAP Double 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 and bottom of Curlex SiltTRAP Double 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 Double Net is also available as QuickGRASS® (green pigment). Curlex SiltTRAP Double Net shall be manufactured in the U.S.A.

Curlex SiltTRAP Double 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 Double 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	0.327 in (8.31 mm)
Light Penetration	ASTM D 6567	29.5%
Resiliency	ASTM D 6524	64%
Mass per Unit Area	ASTM D 6475	0.66 lb/yd^2 (0.358 kg/m^2)
MD-Tensile Strength Max.	ASTM D 6818	148.8 lb/ft (2.17 kN/m)
TD-Tensile Strength Max.	ASTM D 6818	39.6 lb/ft (0.58 kN/m)
MD-Elongation	ASTM D 6818	28.3%
TD-Elongation	ASTM D 6818	22.7%
Swell	ECTC Procedure	89%
Water Absorption	ASTM D 1117/ECTC	228%
Germination Improvement	ECTC Method 4	693%

[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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