



**MATERIAL SPECIFICATIONS**  
**TRINET® RECYCLEX®**

**Materials:**

100% Recycled Post Consumer Polyester Fiber  
Polypropylene Nettings  
Stitching Thread

**Roll Sizes:**

Width:	8.0 ft (2.4 m)	16.0 ft (4.9 m)
Length:	67.5 ft (20.6 m)	67.5 ft (20.6 m)
Area:	60.0 yd <sup>2</sup> (50.2 m <sup>2</sup> )	120.0 yd <sup>2</sup> (100.34 m <sup>2</sup> )
Weight:	68.9 lb (31.25 kg)	137.8 lb (62.5 kg)

**Description:**

TriNet Recyclex TRM is a three dimensional Turf Reinforcement Mat (TRM) specifically designed to provide permanent structural support for vegetation root systems (root reinforcement) and/or surface support underneath vegetation (stem reinforcement). TriNet Recyclex TRM may be installed, soil filled, and seeded to allow the germination of reinforced vegetation above, and a permanent, structural root system to grow into its matrix below. In addition TriNet Recyclex TRM may be installed as “stand alone” over top soil, seed, and fertilizer which allows vegetation to grow up through its permanent matrix. TriNet Recyclex TRM rolls are stretch wrapped to protect against the elements prior to installation, and may be ordered in Master-Paks banded together to a pallet to minimize handling requirements. TriNet Recyclex TRM shall be manufactured in the U.S.A. and the fibers shall be made from 100% recycled post-consumer goods.

TriNet Recyclex TRM has a design soil loss ratio (event-based RUSLE C factor) of .031 and is typically suitable for slopes up to .5H:1V. TriNet Recyclex TRM is rated for channel flows up to 25.0 ft/s (7.62 m/s) and 14 lb/ft<sup>2</sup> (670 Pa) shear stress.

**Physical Properties:**

Fiber:	100% Recycled Post Consumer Polyester
Fiber Size:	80% of fibers a minimum of 5 in (12.7 cm) long
Fiber Weight:	≤ 400 Denier Polyester
Recyclex Matrix:	0.500 lb/yd <sup>2</sup> (0.271 kg/m <sup>2</sup> ) ± 10%
Product Weight:	1.148 lb/yd <sup>2</sup> (0.623 kg/m <sup>2</sup> ) ± 10%
Thread Pattern:	No more than 2.0 in (5.1 cm) transverse stitch spacing
Net Material:	Top – Ultra Heavy Duty (UV-Stabilized) Middle Net – Ultra Heavy Duty (UV-Stabilized) Bottom – Ultra Heavy Duty (UV-Stabilized)
Net Openings:	Top – 0.45 in wide x 0.58 in long (11.43 mm x 14.73 mm) Middle – 0.45 in wide x 0.58 in long (11.43 mm x 14.73 mm) Bottom – 0.45 in wide x 0.58 in long (11.43 mm x 14.73 mm)
Net Configuration:	Top, middle, and bottom

**All measurements are based on product at time of manufacture.**





**MANUFACTURER'S CERTIFICATION**  
**TRINET® RECYCLEX® – Turf Reinforcement Mat**

**Manufacturer:**

American Excelsior Company  
831 Pioneer Avenue  
Rice Lake, WI 54868  
1-866-9FIBERS (1-866-934-2377)

**Project Information (if applicable):**

**Name:**

**Location:**

**Number:**

**Statement**

We hereby certify that the above referenced material is manufactured to meet or exceed the following specification:

Fiber:	100% Recycled Post Consumer Polyester
Fiber Size:	80% of fibers a minimum of 5 in (12.7 cm) long
Fiber Weight:	≤ 400 Denier Polyester
TRM Length:	-0 ft (m), + 5% (upon application)
TRM Width:	-0 in (mm) + 1.0 in (25.4 mm)
Recyclex Matrix:	0.500 lb/yd <sup>2</sup> (0.271 kg/m <sup>2</sup> ) ± 10%
Product Weight:	1.148 lb/yd <sup>2</sup> (0.623 kg/m <sup>2</sup> ) ± 10%
Thread Pattern:	No more than 2.0 in (5.1 cm) transverse stitch spacing
Net Material:	Top – Ultra Heavy Duty (UV-Stabilized) Middle Net – Ultra Heavy Duty (UV-Stabilized) Bottom – Ultra Heavy Duty (UV-Stabilized)
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Net Configuration:	Top, middle, and bottom

**All measurements are based on product at time of manufacture.**

Rocky Van Gilder – V.P. of Wood Operations

Effective Date

**Note:** This Certification expires, without notice, if document is updated by American Excelsior Company (AEC). Current Material Specifications and Manufacture's Certifications (MSMC) for AEC products shall be accessed from [www.Curlex.com](http://www.Curlex.com) at all times.

