



MATERIAL SPECIFICATIONS

TRINET® RECYCLEX®

Materials:

100% Recycled Poly 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 ² (50.2 m ²)	120.0 yd ² (100.34 m ²)
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 long-term 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 long-term, structural root system to grow into its matrix below. In addition, TriNet Recyclex TRM may be installed as “stand alone” over topsoil, seed, and fertilizer which allows vegetation to grow up through its 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 poly 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/ft² (670 Pa) shear stress.

Physical Properties:

Fiber:	100% Recycled Poly
Fiber Size:	80% of fibers a minimum of 5 in (12.7 cm) long
Recyclex Matrix:	0.500 lb/yd ² (0.271 kg/m ²) ± 10%
Product Weight:	1.148 lb/yd ² (0.623 kg/m ²) ± 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 Poly
Fiber Size:	80% of fibers a minimum of 5 in (12.7 cm) long
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 ² (0.271 kg/m ²) ± 10%
Product Weight:	1.148 lb/yd ² (0.623 kg/m ²) ± 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.

TJ 4.4

Tony Johnson – 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 Manufacturer's Certifications (MSMC) for AEC products shall be accessed from www.Curlex.com at all times.

