



***Making Boring
Products Better***

**Reduce Your Packaging Costs
without Compromising on Product
or Service**

Experts in Foam Technology

- Decades of experience in foam extrusion and material formulation
- Practical innovators with collaborative approach to development of innovative foam solutions
- Customer driven organization from top to bottom
- Commitment to local area job creation and sustainability with manufacturing based in Wilson, NC



What's Unique About Our Material?

- Innovative co-polymer structural foam that can replace wood or plastic in packaging, transportation, marine, construction, and much more
- Material is designed to remove many of the drawbacks associated with alternative materials. Our foam is:
 - ✓ Nonabsorbent and resistant to ultraviolet rays
 - ✓ Resistant to moisture, mold, mildew, rot and insects
 - ✓ Excellent screw, nail and glue retention
 - ✓ Easily cut or customized
 - ✓ Fraction of the weight
 - ✓ 100% recyclable



Resistant

- High mechanical resistance & low weight
- No water absorption
- High chemical resistance
- Water vapor & weather resistant



Strong

- High stiffness
- Multiple densities available for specified strength to weight ratio



Simple

- Easily cut or customized
- Similar processing to wood, i.e. nailing, screwing, gluing



Clean

- Environmentally friendly
- 100% recyclable

Trego Foam Physical Properties

PROPERTIES	TEST METHOD	UNITS	THICKNESS					
			14MM	14MM	19MM	19MM	19MM	25MM
Density	ISO 845	kg/m ³	140	220	80	140	220	140
Compression Strength @ 25%	ASTM D695	kPa	1383	2299	272	1250	3584	1391
Compression Modulus	ISO 1922	kPa	24750	33000	4200	18000	58250	24200
Flexural Strength @ 24 C	ASTM D1037	kPa	2334	3172	1475	2459	3430	1876
Screw Retention #10 Screw	ASTM D1037	N	269	504	135	420	930	546
Nail Retention	ASTM D1037	N	30	51	11	45	121	60
Flammability	FMVSS 302	Pass or Fail	Pass	Pass	Pass	Pass	Pass	Pass
Thermal Conductivity @ 24C	ASTM D5930	W/mK	0.045	0.051	0.0343	0.046	0.058	0.051
R-Value	ASTM D2844	Per Inch	3.4	2.8	3.4	3.2	2.5	2.8
Water Absorption	ASTM D3575	kg/m ²	0.51	0.17	0.29	0.18	0.09	0.32

Select Products

TreGuard Edge Protectors

When and Why Choose Ours?

ENHANCED PERFORMANCE

TreGuard better protects product from plastic strapping damage. It also will not break when pressure is applied during plastic wrapping.

EXPOSED TO THE ELEMENTS

TreGuard is water resistant and can be stored outside in all elements.

EASE OF APPLICATION

When strapping is applied to TreGuard, the foam compresses preventing the strap and corner protector from sliding.

CUSTOMIZABLE

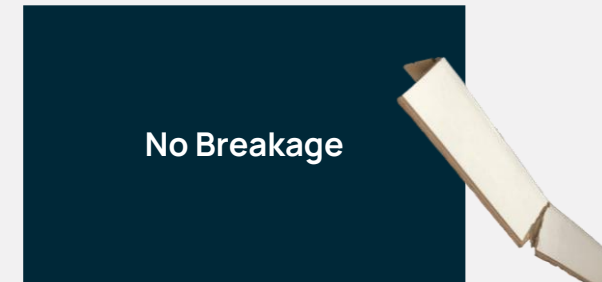
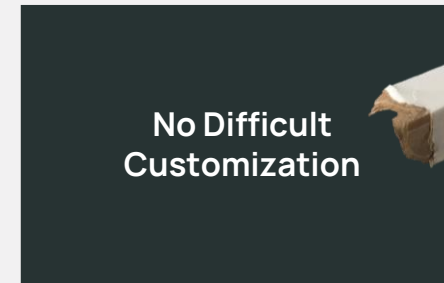
When highly customized packaging is required on the facility floor, TreGuard is easily cut with a basic knife.



No Waste and Environmentally Friendly

To Learn More Contact Patrick Shelton at 919-374-0089 or Patrick@tregoinnovations.com

	TreGuard	Paper Edge Protectors
What is it made of?	Co-Polymer Foam	Paper
Water Resistant?	Yes	No
Reusable?	Yes	No
Easily Recyclable?	Yes	No
Customizable on Warehouse Floor?	Easily Cut	Requires Equipment
Made in the USA?	Yes	Sometimes



TreGuard Specifications and Applications

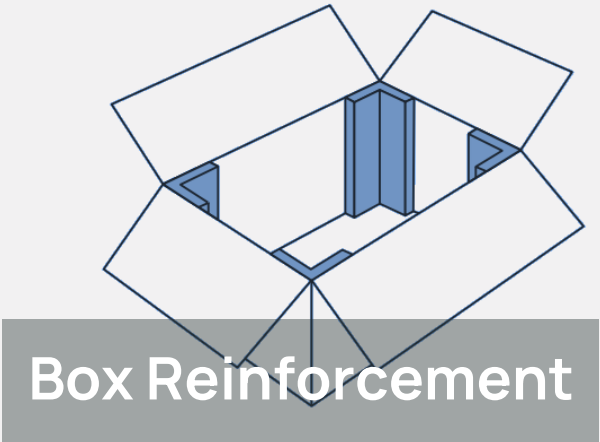
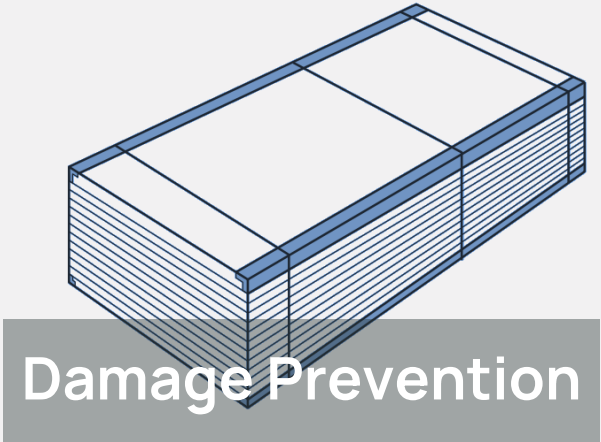
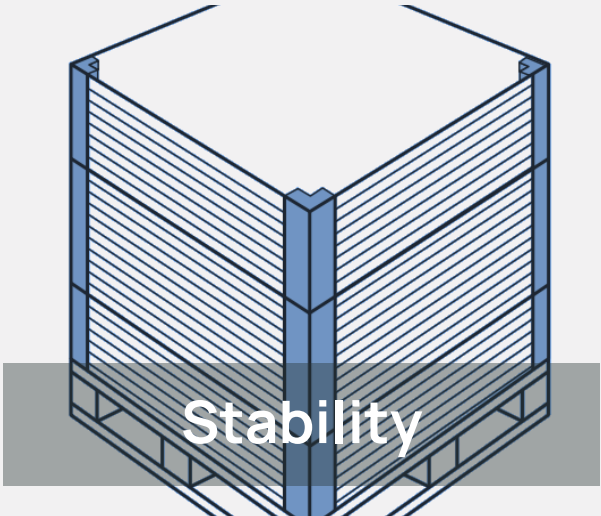
Standard Products	Dimensions*	Typical Applications
Light Gauge Edge Protectors	2.5 x 2.5 x 0.2 - 0.3	Strap Protection, Damage Prevention
Heavy Gauge Edge Protectors	2.5 x 2.5 x 0.3 - 0.4	Strap Protection, Damage Prevention, Stability, Box Reinforcement

*Leg length x leg length x gauge (thickness) in inches

Fully Customizable

We can customize leg length, corner length, thickness and angle dimension

TreGo Applications



TreRun Foam Runners

A new, LIGHTWEIGHT RUNNER made from high-density structural foam

EXCEPTIONALLY STRONG

Trego's pallet runners can support up to 72,000 pounds*, or the weight of ten pick-up trucks

CLEANER AND SAFER

Made from non-absorbent foam material, our runner is stronger, lighter and easier to handle than wood. It never splinters, molds or rots and is not prone to cracking or warping

FULLY CUSTOMIZABLE

Trego runners are designed to fit your specifications including foam density and length

SMART AND VERSATILE

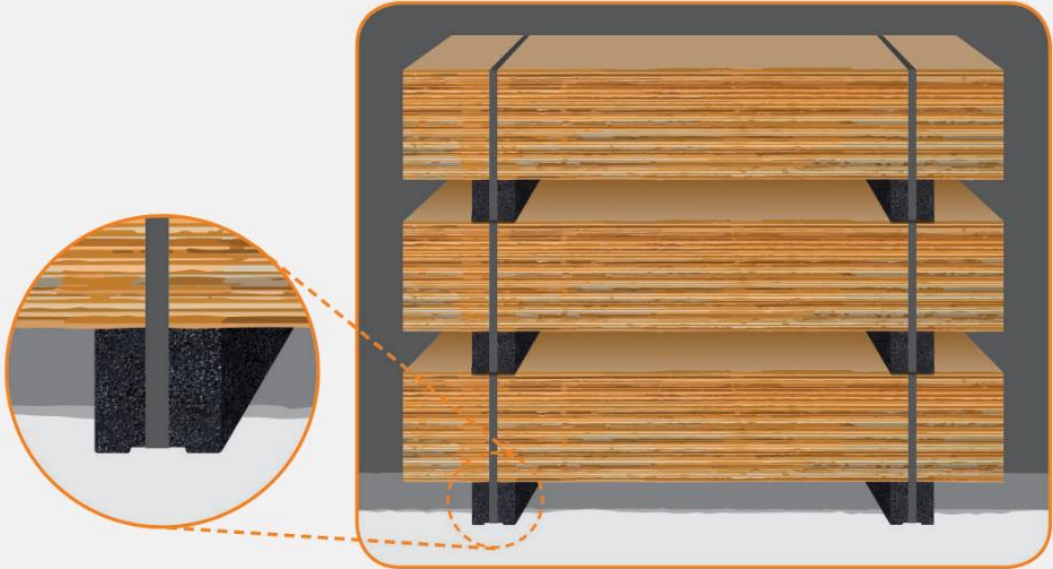
100% recyclable, our runners offers a new way to transport sheet metal, glass, plastic and lumber materials.



No waste and environmentally friendly

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	Trego Runners	Wood Runners
Mold Resistant	Yes	No
Splinter Resistant	Yes	No
Rot Resistant	Yes	No
Water Resistant	Yes	No
Crack Resistant	Yes	No
Warp Resistant	Yes	No
Recyclable	Yes	No



*Based on distributed load over 5 runners



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