

LOOPGUARD TPU

LoopGuard TPU is a lightweight 40-denier nylon loop fabric laminated with 6 mil TPU, combining a soft, hook-compatible loop face with a flexible waterproof and airtight barrier. The TPU backing adds abrasion resistance and enables RF-welded seam construction for applications that need secure fastening plus dependable barrier performance.

KEY FEATURES



RF Weldable

TPU backing supports strong, stitch-free RF-welded seam construction.



Water & Air Resistant

Flexible TPU laminate provides a dependable barrier for demanding environments.



Lightweight & Flexible

Soft 40D nylon loop construction maintains pliability and easy handling.



Abrasion Resistant

Durable TPU side helps withstand repeated wear and surface friction.

APPLICATIONS



Tactical

Bags, backpacks and gear requiring loop attachment and sealed construction.



Healthcare

Orthopedic braces and support products requiring soft loop engagement.



Travel & Outdoors

Technical gear and protective products needing lightweight barrier performance.



Industrial

Protective covers, equipment components and fabricated products requiring RF-weldable construction.

SPECIFICATIONS

Composition

100% Nylon Loop with 6 mil TPU Laminate

Thickness

1.0 mm
(±5%)

Weight

285 gsm
(±5%)

Width

56/57 in.

Color/SKU

White / 22038



PERFORMANCE PROPERTIES

Property	Method	Unit/Standard	Result
Tensile Strength*	ASTM D5034-21 Grab Method	lbf	Warp: 93.1 lbf Weft: 78.3 lbf
Tearing Strength*	ASTM D2261-13 Tongue Method	lbf	Warp: 6.1 lbf Weft: 9.1 lbf
Elongation*	ASTM D5034-21 Elongation @ Max Tensile	%	Warp: 97.9% Weft: 105.0%
Bond Strength*	AATCC 136-2013	lbf	Length: 3.5 lbf Width: 3.4 lbf
Peel Strength*	ASTM D5170	lbf	2.6 lbf
Shear Strength*	ASTM D5169	lbf	46.8 lbf
CAL TB117-2013	CAL TB117-2013	Pass/Fail	Pass

* Disclaimer: Results are based on in-house testing by Eastex Products and are provided for reference only; results have not been independently certified and may vary.