

PER FLEX SLIP-NOT MESH

PER Flex Slip-Not Mesh is a breathable, moisture-management mesh made from a 100% Polyester Elastomer Resin (PER). Engineered as an alternative to conventional PVC non-slip materials, it delivers comparable grip and stability through a non-slip mesh surface, while offering lighter weight and enhanced flexibility. Its durable coated-fabric construction provides resilient performance with a softer, premium feel, while supporting more sustainable material choices through a PVC-free design.

KEY FEATURES



Non-Slip
Enhances grip and stability through a coated mesh surface that minimizes movement and slippage



Abrasion Resistance
Maintains surface integrity and performance even under frequent friction



Flexible & Washable
Retains flexibility and performance after repeated laundering



Highly Breathable
Open mesh construction promotes airflow to reduce heat and moisture buildup

APPLICATIONS



Healthcare
Medical seating and support surfaces requiring chemical resistance and cleanability



Seating
High-durability chair backs and seat inserts



Marine
Moisture-resistant seating panels and protective covers



Tactical
Rugged seating and gear panels exposed to heat, sweat, and heavy use

SPECIFICATIONS

Composition

100% Polyester Elastomer Resin (PER)

Thickness

1.25mm

Width

54 inches

Weight

790 gsm

Color/SKU

Black/30027



PERFORMANCE PROPERTIES

Test/Property	Method	Unit/Standard	Results
Tensile Strength	ASTM D5034-21 Grab Method	lbf	Warp: 99.96 Weft: 31.48
Tearing Strength	ASTM D2261-13 Tongue Method	lbf	Warp: 10.0 Weft: 9.1
Elongation	ASTM D5034-21 Elongation @ Max Tensile	%	Warp: 31.48 Weft: 40
Flammability Resistance	CA TB117-2013	Pass/Fail	Pass
Abrasion Resistance	ASTM D4966-12 Martindale	Rubs	50,000+
Colorfastness to Light	AATCC TM16.3-2020 Xenon-Arc	40 hours	Grade 4.0
Coefficient of Friction	ASTM D1894 Surface-Polished Plastic	Static Coefficient (g _f)	175 g _f
		Kinetic Coefficient (g _f)	106 g _f