

ARMORHIDE

A durable synthetic leather with a bonded to a polyester backing. Its anti-scratch finish improves resistance to surface marring and everyday wear while maintaining a smooth, consistent appearance, and the stable backing supports cutting, sewing and upholstery fabrication.

KEY FEATURES



Anti-Scratch Surface

Engineered finish improves resistance to surface marring and everyday wear.



Abrasion Resistance

Withstands up to 100,000 Martindale abrasion cycles.



Cleaner Resistant

Shows no change in color or surface finish after BIFMA HCF 8.1-2017 cleaner testing.



Compliance

Meets CAL TB117-2013 and stated REACH/CPSIA phthalate requirements.

APPLICATIONS



Travel & Outdoors

Luggage, bags, backpacks and fabricated protective products.



Marine

Upholstered surfaces and components requiring durable, easy-care synthetic leather.



Seating

Commercial seating and upholstery applications exposed to repeated use.



Healthcare

Upholstered surfaces and protective components requiring cleanability and durability.

SPECIFICATIONS

Composition

100% Polyester Backing with 100% PVC Coating

Thickness

1.1-1.2 mm
(±0.2 mm)

Weight

540 gsm
(±5%)

Width

54 in.
(±0.5 in.)

Color/SKU

Blue/29025



PERFORMANCE PROPERTIES

Property	Method	Unit/Standard	Result
Tensile Strength	ASTM D5035-95	lbf (N)	Warp: 94.6 (469) Weft: 60.6 (298)
Tear Strength	ASTM D5735-95	lbf (N)	Warp: 5.6 (25) Weft: 8.3 (37)
Elongation	ASTM D5034-21	%	Warp: 44.1 Weft: 109
Stretch – Warp	ASTM D6614M-20	%	@ 4 lb: 2.8 Growth avg.: 0.2
Stretch – Weft	ASTM D6614M-20	%	@ 4 lb: 7.9 Growth avg.: 1.1
Abrasion	Martindale	cycles	100,000
Flammability	CAL TB117-2013	Pass / Fail	Pass
Liquid Cleaner Resistance*	BIFMA HCF 8.1-2017	Visual after 5 cycles	Slight discoloration observed after 5 cycles with select cleaning agents.

* 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.