



PERFORMANCE LEATHERS & TEXTILES



ENDURALITE™ SYNTHETIC

EnduraLite™ is the premium synthetic product from our Rail offering. EnduraLite™ features the look and feel of genuine leather with the added advantages of being 60% lighter than traditional leather along with its industry leading durability and ease of maintenance.

EnduraLite™ is offered in a variety of in stock colors and grains, or may be custom matched to any color you desire.

Features & Benefits

- Meets or exceeds all requirements for certification including EN-45545 HL/2 and HL/3, BS-6853 and DIN-5570.
- Closed-cell urethane skin is graffiti resistant and inherently anti-microbial. Ink and stains can be easily removed.
- Independently tested to be the lightest weight and most durable synthetic on the market.
- Omni-direction stretch for ease of upholstery.
- Over 95% cutting yield and can be stack cut.



Care and Cleaning

For General Light Duty Cleaning:

- Use a mild soap and water solution for cleaning EnduraLite™ in conjunction with a clean cloth or horsehair brush.
- Spray/soak the mild soap and water solution into cloth or the bristles of a horsehair brush.
- Apply brush to the EnduraLite™ surface and agitate in a random circular motion.
- Wipe-off soil and excess chemical with a clean, soft cloth.

For Heavy Duty Cleaning:

- Use Perrone's Deep Cleaner (#DC-332, #DC-328, #DC-305, #DC-355) for synthetic in conjunction with a horsehair brush to effectively remove heavy body of oils and soils.
- Spray Perrone's Deep Cleaner into the bristles of a horsehair brush.
- Apply brush to the EnduraLite™ surface and agitate in a random circular motion.
- Wipe-off soil and excess chemical with a clean, soft cloth.

EnduraLite™ Technical Specifications

Width	54 inches (137 cm)
Composition	100% Polyurethane face 100% Fire Retardant Aramid backing
Thickness	.8 ± .1 mm BS EN ISO 2589:2016
Weight	1.2 oz. per sq. ft. 375 gm sq. meter ± 40 gm
Blocking	Federal Test Method STD. No. 3121.1 No damage to finish
Abrasion	ASTM D-3884 (2,500 cycles, 500 g H-18 wheels) BS EN ISO 5470-1:2016 No wear through to russet
Crocking	ASTM D-5053 (50 cycles wet & dry) 4 or better on the AATCC grey scale for color change
Colorfastness	72 hour exposure to UV light 4 or better on the AATCC grey scale for color change
Flammability	Meets all requirements of EN 45545-2 HL3 Will meet all requirements of either a 12 or 60 second vertical burn in accordance with FAR 25.853, ABD0031, AITM 3.0005
Tear Strength	ASTM D – 4705 BS EN ISO 3376:2011 Minimum of 12 lbs. (5.44 kg, 53.35 N)
Flexibility	ASTM D -2097 (60,000 cycles) No cracking of finish
Color Match	Spectrophotometer measurement of DE CMC ≤ .50 target



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