



# MONULITE SYNTHETIC

## Revolutionizing the Face of Aircraft Interiors.

MonuLite is a state-of-the-art, synthetic leather proprietary process solution designed specifically for applications requiring OSU 65/65 Heat Release compliance. MonuLite is offered in any custom color and may be ordered in a variety of finishes and textures including decorative gaufrage. In addition to its aesthetic qualities, MonuLite is acoustically absorbent delivering superior noise reduction characteristics. MonuLite's performance and versatility make it the ideal choice for any vertical surface application.

## Features & Benefits

- A new development in flexible yet strong, faux leather for aircraft monument applications
- Meets 65/65 Heat Release requirements while providing the luxury, hand feel, and durability of genuine top grain leather
- Available in any custom color and a variety of finishes and textures including decorative gaufrage prints
- Compatible with a range of substrates
- MonuLite is offered as a "system" and must be used in conjunction with Perrone's proprietary AeroTak Adhesive in accordance with the AeroTak Adhesive Application Instructions.
- Unlike competitive offerings, MonuLite is acoustically absorbent delivering superior noise reduction characteristics and the highest quality in-cabin experience.

# MonuLite FAQs

**1. How is MonuLite sold and what are the MOQs?**

MonuLite is sold as 54” wide rolled goods in quantity. MOQ is 1 LY.

**2. What are the standard lead times?**

Standard production lead time is 4 weeks. 6 weeks for Gaufrage.

**3. Can customer use their own glue?**

No. MonuLite is sold as a system. It must be purchased with Perrone AeroTak adhesive. AeroTak is sold by the gallon and costs \$100/gal.

**4. What prints are offered with MonuLite?**

Standard MonuLite prints are G-Grain, 4200, Amora and Buffalo. MonuLite is NOT available in finer grains (medium, bergi, skiver) at this time. MonuLite may also be offered with select Gaufrage prints TBD at time of request.

**5. Can MonuLite be used with any substrate, or is it a proprietary build up?**

We have successfully tested MonuLite on a variety of substrates including Kydex and honeycomb back boards. We are continuing to test new materials as they are made available to us, but we are not limited to a specific build up.

**6. Can MonuLite be used with a foam backing to have a more cushion feel?**

The ideal recommended solution would be to use our proven nonwoven backing that makes up the MonuLite system to create different thicknesses providing a “padded” result. We expect MonuLite should perform as well with a foam backing but due to the variabilities in types and thicknesses, this would need to be verified with your specific material.

**7. What are the advantages of MonuLite over competitive products such as Tapis and Deconel?**

The greatest advantage of MonuLite to competitive products is that unlike hard surface solutions such as those provided by Kydex/Deconel, MonuLite has superior sound absorption characteristics. Unlike Tapis, MonuLite is not restricted to a specific backer board. Although we do mandate the use of Perrone’s AeroTak adhesive, MonuLite may be used in combination with a variety of substrates.

**8. Can MonuLite be cleaned and repaired?**

YES

Monulite Specs	
<b>Width</b>	54 inches (137 cm) +/- .5 inch
<b>Composition</b>	100 % Polyurethane Face / 100% Nonwoven Aramid backing
<b>Thickness</b>	1.0 – 3.0 mm
<b>Weight</b>	2.65 oz. per sq. ft. – 7.95 oz. per / 75 gm sq. ft. – 225 gm sq. ft.
<b>Blocking</b>	Federal Test Method STD. No. 3121.1 / No damage to finish
<b>Abrasion</b>	ASTM D-3884 (300 cycles, 500 g H-18 wheels) No wear through to russet
<b>Crocking</b>	ASTM D-5053 (50 cycles wet & dry) 4 or better on the AATCC grey scale for color change
<b>Colorfastness</b>	72 hour exposure to UV light / 4 or better on the AATCC grey scale for color change
<b>Flammability</b>	Will meet all requirements of either a 12 or 60 second vertical burn in accordance with FAR 25.853
<b>Color Match</b>	Spectrophotometer measurement of DE CMC ≤ .75 target



**UNITED STATES**

182 Riverside Drive  
Fultonville, New York 12072  
1 800.871.5847  
Outside US: 001.518.853.4300

**FRANCE**

127 Avenue de la Republique  
92120 Montrouge - France  
+33 140.848.287  
+33.140.848.288

**GERMANY**

Weideblicken 14  
23843 Bad Oldesloe - Germany  
+49 4531 801896  
+49 170 8094828

**CHINA**

Rm. 1002, Tower 3 China View,  
Worker Stadium East Road,  
Chaoyang District,  
100027 Beijing, P.R.C  
+86.185.1069.3365