

LEXLAM™ UV



PRODUCT INFORMATION

LEXLAM™ UV velvet matte laminate, a groundbreaking solution that combines durability with style. Featuring an embossed velvet texture, this laminate is designed to deflect glare, resist scratches, and repel fingerprints, ensuring a long-lasting investment with its UV stability for up to 5 years. With additional UV inhibitors, it protects the underlying graphics for extended use.

This high-performance laminate is equipped with a water-clear permanent acrylic adhesive and a polyester liner to prevent silvering during the laminating process.

Unleash your creativity by combining **LEXLAM™ UV** with our GMS **HIGH-BOND™ Poly** to achieve temperature ratings of up to 212°F, or with vinyl for ratings of up to 185°F, providing unparalleled flexibility for various applications including industrial labels, signs, control panels, and membrane switch overlays.

Elevate your projects with the unparalleled potency of **LEXLAM™ UV** today!

NOTABLE QUALITIES



HIGH PERFORMANCE

UV stable for up to 5 years.



ANTI GLARE TEXTURE

Matte texture deflects glare and resists scratches and fingerprints.



FINGERPRINT/SCRATCH RESISTANT

designed to withstand fingerprints or scratches.



SMOOTH LAMINATION

Polyester liner cuts down on silvering.

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General Description: LEXLAM™ Clear Lexan® laminate has an embossed velvet texture and a water-clear permanent acrylic adhesive. This laminate has excellent heat stability and resistance to scratches and finger prints. It is rated as a 5 year UV stable film with UV inhibitors to prolong the color of the underlying graphics. It has a polyester liner for smooth lamination.

PRODUCT SPECIFICATIONS

TECHNICAL PROPERTIES:

Thickness: 5 mil Lexan®, plus 2 mils of adhesive

Outdoor Life: UV stable* for 5 years

Shelf Life: 2 years stored at 70°F

Adhesive Properties: General purpose permanent acrylic pressure sensitive adhesive works on most surfaces.

Service Temperature Range: (-40°F to 212°F)

Minimum Application Temperature: 50°F

TESTS PERFORMED RESULTS		
Ultimate peel from	Average OZ/IN	Test Method
Stainless steel	110	
Cohesive properties (1 sq in x 1 kg)	100+ hours	
Tack (gm/sq cm)	570	Polyken probe tack

RECOMMENDED APPLICATION TECHNIQUES:

Laminate with a cold pressure sensitive laminator or by hand. Applying too much reverse tension on the laminate may cause curling in the finished product.

GSP SOFTWARE SETTINGS:

In Gerber's Plot program, go to the cutter settings and set the Speed to 50, the Acceleration to 50, the Force to 50 or depending on the age of your blade and what you are laminating to, and Sharp Corners to 90 or more. For best results, make some test cuts first.

Use a 45° blade or 60° blade on any combination of material 8 mil or thicker

All of the descriptive information listed above is our recommendation only. This information does not suggest or constitute a written or verbal warranty or guaranty of any kind by the manufacturer or distributor of this product. Purchasers of this product shall be responsible for independently determining the suitability of the material for the intended application.

GMS 082024 GRAPHIC MARKING SYSTEMS