

LEXLAM™ UV



PRODUCT INFORMATION

LEXLAM™ UV velvet matte laminate has an embossed velvet texture that deflects glare and resists scratches and finger prints. It is rated UV stable for up to 5 years, with additional UV inhibitors to protect the graphics underneath and keep colors from fading.

This high performance laminate has a water-clear permanent acrylic adhesive with a polyester liner that helps you avoid silvering while laminating.

Use LEXLAM™ UV with High-Bond™ polyester for temperature ratings up to 212°F, or vinyl for ratings up to 185°F.

Applications include but are not limited to industrial labels, signs, control panels, and membrane switch overlays.

NOTABLE QUALITIES

HIGH PERFORMANCE

UV stable for up to 5 years

ANTI GLARE TEXTURE

Matte texture deflects glare and resists scratches and fingerprints

ADDS RIGIDITY TO LABELS

Add LEXLAM UV when you want to say "industrial"

SMOOTH LAMINATION

Polyester liner cuts down on silvering



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

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.

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.

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www.shopGMS.com
847.582.9276 ■ 800.232.8018
orders@graphicms.com