

PRODUCT CHARACTERISTIC SHEET and COC

PLEASE READ BEFORE USING!

Material: LEXLAM™ 10 MIL BRUSHED LAMINATE

Part Nos: LEX101350BR

General Description: Rigid clear Lexan® 8A37 Polycarbonate with a classy brushed textured top surface and a water-clear permanent acrylic adhesive. LEXLAM Brushed has a polyester liner for smooth lamination. Intended uses include graphic overlays for membrane switches and control panels, brand ID markings, and signs.

Thickness:	10 mil. plus 1 mil of adhesive
Outdoor Life:	Intended for indoor use. May discolor over time with continuous exposure to UV light.
Shelf Life:	2 years stored at 70° F & 50%RH
Service Temperature Range:	(-40° F to 212° F)
Minimum Application Temp.:	N/A

Adhesive Properties:

High performance, permanent acrylic pressure sensitive adhesive formulated for bonding to high and low surface energy materials such as smooth glass, metal, plastic, painted surfaces .

Tests performed | results:

Ultimate Peel from	Average OZ/IN	Test Method
Acrylic	52	ASTM D 903 (Modified for 72 hour dwell time)
Glass	36	
Polypropylene	4	
Stainless Steel	45	
Expected Shear Room Temp (hours)	100+	ASTM D 3654 Method A a. 1 hrl dwell b. 1 sq. in. surface c. 4 lb. load
Tack (gm/sq cm)	630	ASTM D 2979

CERTIFICATE OF CONFORMANCE (COC)

Sold to:		Lot No.:	
Buyer:		PO#	
Supplier:	Graphic Marking Systems	MFR Part No:	Top of the page
MFR Date:		Ship Date:	
		Supplier's Authorized Rep.:	Title: Converting Manager

Recommended Application Techniques:

Laminate with a cold pressure sensitive laminator, not by hand. Apply medium drag to the laminate supply roll to keep it taught.

Omega Software Settings:

Once laminated, this material can be cut from either side. If you want to cut from the printed and laminated side, depth control at the knife tool is recommended. You will have to cut completely through 10 mils of Lexan and printed media to the media liner. Make test cuts with "multi cuts", up to 9 times, depending on the sharpness of the blade. If you are cutting from the liner side, use the back cutting procedure in Omega and cut through the media and almost all the way through the lexan so they finished product can be "snapped out."

USE A 45° blade or 60° BLADE on any combination of material 8 mil or thicker.

Disclaimer:

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. GMS0421 Graphic Marking Systems

Material Safety Data Sheet (MSDS)

Material Name: LEXLAM™ 10 MIL BRUSHED LAMINATE		Company:	
Part Nos: LEX101350BR, LEX101310BR		Graphic Marking Systems	
Date Prepared:		Address: 28457 N. Ballard Rd., Suite A1	
General Description: Rigid clear 8A37 Lexan® with a brushed textured top surface and a water-clear permanent acrylic adhesive. It has a polyester liner for smooth lamination.		Lake Forest, IL 60045	
		Phone: 847-582-9276	
		Fax: 847-582-9282	
Composition and information on ingredients:		UL Recognized: NO	ROHS Compliant: YES
Individual components of this product do not contribute to any known hazards.		REACH Compliant: YES	
OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200): NONE		3TG Compliant: YES	
Hazards Identification:			
POTENTIAL HEALTH EFFECTS: None			
ACUTE: No significant toxic hazard. When burned may produce toxic fumes.			
CHRONIC: No significant toxic hazard.			
None of the components present in this material at concentrations equal to or greater than 0.1% are listed by IARC, NTP, OSHA, or ACGIH as a carcinogen.			
First Aid Measures:		Fire Fighting Measures:	
Emergency and First Aid Procedures:		Flash Point: N/A	
ROUTES OF ENTRY:		Method Used: N/A	
Inhalation: Not Probable Skin: Wash with soap and water		Auto-ignition Temperature: N/A	
Eyes: Not Probable Ingestion: Not Probable		Flamable limits in Air % by Volume: LEL: N/A, UEL: N/A	
Accidental Release Measures: N/A		Extinguishing Media: Multi-rated ABC extinguisher or water	
Handling and Storage:		Unusual Fire and Explosion Hazards: None	
No special handling required other than storing away from excessive heat sources.		Special Fire Fighting Procedures: In case of fire, use self-contained breathing apparatus and full protective equipment - all fires liberate toxic gases.	
Exposure Controls and Personal Protection:		Physical and Chemical properties:	
Respiratory Protection: None required		Vapor Pressure (mm Hg): N/A Boiling Point: N/A	
Skin Protection: No precautions required		Vapor Density (air = 1): N/A Melting Point: N/A	
Eye Protection: None required		Appearance and odor: N/A Reactivity of water: N/A	
Exposure Guidelines: None established		Specific Gravity (H 0=1): N/A Solubility in water: N/A	
Engineering Controls: Handling above 100° requires ventilation		Stability and Reactivity:	
Toxicological Information:		Stability: N/A	
Carcinogen Status: NTP: NONE IARC: NONE OSHA: NONE		Conditions to avoid: Fire or Excessive Heat	
Ecological Information: No Data Available		Incompatibility: None	
Transport Information:		Hazardous Decomposition Products: None	
TRANSPORTATION AND HAZARDOUS MATERIALS DESCRIPTION: Not a hazardous material for DOT shipping.		Hazardous Polymerization: Will not occur.	
Disposal Considerations: Waste Disposal:		Regulatory Information:	
Dispose of in accordance with Local, State and Federal regulations.		OSHA STANDARD CFR 29, PART 1910.1200: This product is considered to be an "article" under this standard.	
Other Information:		SARA 313 INFORMATION: This product contains no substances at or above the reporting threshold subject to the reporting requirement of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 371, based on available data.	
The information contained herein is based on the data available to Graphic Marking Systems, and is believed to be correct. However, Graphic Marking Systems makes no warranty, expressed or implied, regarding the accuracy of these data or the results to be obtained from the use thereof. Graphic Marking Systems assumes no responsibility for injury from the use of the product described herein.		CALIFORNIA PROPOSITION 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. Warning this product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. This product contains up to 0.03% Ethyl Acrylate in the adhesive.	