

PRODUCT CHARACTERISTIC SHEET and COC

PLEASE READ BEFORE USING!

Material: Invisible Matte 3 mil UV Vinyl Laminate

Part Nos: IMUV31350, IMUV33050, IMUV35450

General Description: 3 mil UV stable clear vinyl with smooth matte texture and a clear permanent acrylic adhesive. This matte laminate does not mute the color of your graphics. Invisible UV matte has a 3 year UV life and UV inhibitors to protect your graphics. Use for over-laminating when a matte finish is needed or UV durability is a concern.

Thickness: 3 mil. vinyl, plus 1 mil of adhesive.

Outdoor Life: 3 years

Shelf Life: 2 years stored at 70 F & 50%RH

Service Temperature Range: (-40° F to 150° F)

Minimum Application Temp.: 40° F

Adhesive Properties:

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

Tests performed | results:

Ultimate Peel from	Average OZ/IN	Test Method
20 minutes Peel Adhesion to Stainless Steel	87	
24 hour Peel Adhesion to Stainless Steel	87	
1 year Peel Adhesion to Stainless Steel	25	
Shear Adhesion	100+ hours	
Tack (gm/sq cm)	N/A	

CERTIFICATE OF CONFORMANCE (COC)

Recommended Application Techniques:

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

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

GSP Software Settings:

Because this material is a soft PVC, you do not have to increase your pressure greatly. This laminate should work in most plotters without trouble.

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. Although this material can be printed on with some solvent based printers, the surface characteristics of the material can change from roll to roll, and failure of optimal printing results are not a basis for returning the product. Purchasers of this product shall be responsible for independently determining the suitability of the material for the intended application. GMS0612 Graphic Marking Systems

Material Safety Data Sheet (MSDS)

Material Name: Invisible Matte 3 mil UV Vinyl Laminate		Company:	
Part Nos: IMUV31365, IMUV33065, IMUV35465		Graphic Marking Systems	
Date Prepared:		Address: 28457 N. Ballard Rd., Suite A1 Lake Forest, IL 60045	
General Description: 3 mil UV stable clear vinyl with smooth matte texture and a clear permanent acrylic adhesive.		Phone: 847-582-9276 Fax: 847-582-9282	
Composition and information on ingredients: Individual components of this product do not contribute to any known hazards. OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200): NONE		UL Recognized: NO ROHS Compliant: YES REACH 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: N/A	Skin: N/A	Auto-ignition Temperature: N/A	
Eyes: N/A	Ingestion: N/A	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: No special handling required other than storing away from excessive heat sources.		Unusual Fire and Explosion Hazards: None	
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: None required		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: Dispose of in accordance with Local, State and Federal regulations.		Regulatory Information:	
Other Information:		OSHA STANDARD CFR 29, PART 1910.1200: This product is considered to be an "article" under this standard.	
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.		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.	
		CALIFORNIA PROPOSITION 65: The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. This product does not, to the best of our knowledge and belief contain any of the chemicals on the current list of chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.	