

Material: ModelMark Printable Transfercoat Film

General Description: Coated 3 mil liner specifically designed for use with thermal transfer resin ribbons. Should be used in combination with the proper transfer adhesive for the application. We recommend TAD1MM1350 for high energy surfaces, or TADHB1MM1350 for high and low energy surfaces. ModelMark is available in a kit with either adhesive.

Thickness:	8 micron transfercoat on a 3 mil synthetic liner
Outdoor Life:	2+ years
Shelf Life:	2 years stored at 70° F & 50%RH
Service Temperature Range:	(-40° F to 302° F)
Minimum Application Temp.:	N/A

See Compatible transfer adhesive specs.

Ultimate Peel from	Average OZ/IN	Test Method
N/A		
Expected Shear Room Temp (hours)	N/A	
Tack (gm/sq cm)	N/A	

CERTIFICATE OF CONFORMANCE (COC)

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

Recommended Application Techniques:

Laminate with cold or low heat assist laminator. Not recommended for very soft vinyl such as static cling. ModelMark 1 mil PSTA is intended to be permanent on high energy surfaces. When ready to apply the finished graphic, remove the liner and burnish the graphic down. Allow an hour or more for the adhesive set before removing the ModelMark liner. If the graphic comes up with the liner, the adhesive has not bonded well enough to the surface you applied it to.

GSP Software Settings:

Test cuts should be performed. Best results can be obtained if you cut both the ModelMark side and the adhesive side. For help, please contact Graphic Marking Systems at 800-232-8018.

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. GMS 1213 Graphic Marking Systems

Material Safety Data Sheet (MSDS)

Material Name: ModelMark Clear Transfer Adhesive				Company: Graphic Marking Systems Address: 28457 N. Ballard Rd., Suite A1 Lake Forest, IL 60045 Phone: 847-582-9276 Fax: 847-582-9282			
Part Nos: TAD1MM1350C							
Date Prepared: 12/7/2013							
General Description: Clear pressure sensitive permanent transfer adhesive with tow polyester liners.							
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:				Special Fire Fighting Procedures: In case of fire, use self-contained breathing apparatus and full protective equipment - all fires liberate toxic gases.			
Respiratory Protection: None required				Physical and Chemical properties:			
Skin Protection: No precautions required				Vapor Pressure (mm Hg) N/A		Boiling Point: N/A	
Eye Protection: None required				Vapor Density (air = 1): N/A		Melting Point: N/A	
Exposure Guidelines: None established				Appearance and odor: N/A		Reactivity of water: N/A	
Engineering Controls: None required				Specific Gravity (H 0=1) N/A		Solubility in water: N/A	
Toxicological Information:				Stability and Reactivity:			
Carcinogen Status: NTP: NONE IARC: NONE OSHA: NONE				Stability: N/A			
Ecological Information: No Data Availble				Conditions to avoid: Fire or Excessive Heat			
Transport Information:				Incompatibility: None			
TRANSPORTATION AND HAZARDOUS MATERIALS DESCRIPTION: Not a hazardous material for DOT shipping.				Hazardous Decomposition Products: None			
Disposal Considerations: Waste Disposal: Dispose of in accordance with Local, State and Federal regulations.				Hazardous Polymerization: Will not occur.			
Other Information: 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.				Regulatory Information:			
				OSHA STANDARD CFR 29, PART 1910.1200: This product is considered to be an "article" under this standard.			
				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: 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 a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.			