

PRODUCT CHARACTERISTIC SHEET and COC

PLEASE READ BEFORE USING!

Material: ModelMark Clear Transfer Adhesive

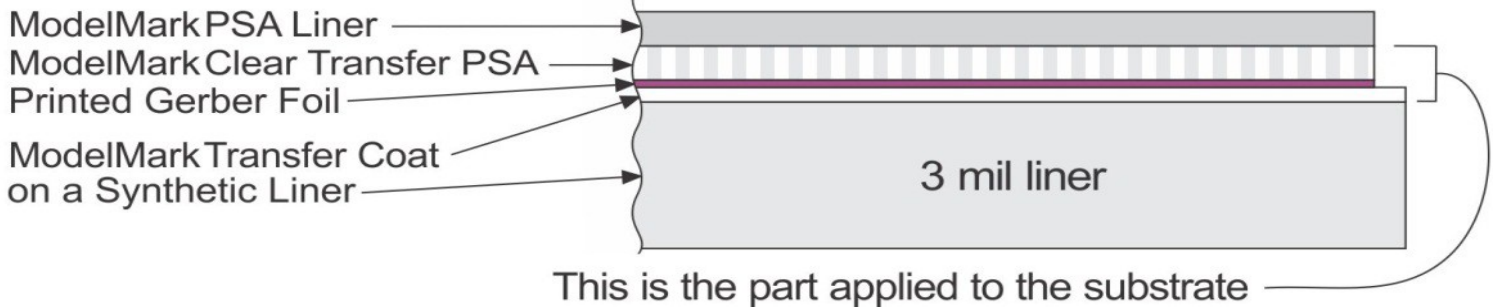
Part Nos: TAD1MM1350C

General Description: Clear 1 mil pressure sensitive permanent transfer adhesive with two polyester liners. Can be used for many applications where super clear transfer adhesive is needed. Specifically designed for use with ModelMark™ printable transfercoat for clear coating applications. May be used for high surface energy applications such as metals and painted/coated smooth surfaces.

Thickness:	1 mil. of transfer adhesive (without liners)
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.:	50° F

Adhesive Properties:

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



GSP Software Settings: The diagram above shows you the order in which the layers are put together. Load the ModelMark in the Edge II or Edge FX. ModelMark is rolled "print side out." Try to keep dust off the face of the material. Print using the setting for Gerber's **2 mil Label Stock** found in the plot program under the print settings dialog box. Substitute White for Flood Coat or Arctic White. While you are in the print settings dialog box, **set your printer for 600x300 dpi**. Note: You may also choose the label stock pallet in Composer and set your job up for that material so you don't have to remember to set it up in plot.

We highly recommend that you use Omega's back cut feature in Plot. Set the back cut up on a separate layer in Composer (Call is "liner") and make it a bit smaller than the front cut. The cuts do not have to follow the contour of the shapes. ModelMark is very thin. Therefore it can bunch up in the Edge while printing and rewinding. GMS Rewinders are recommended. Before cutting, go to "Device settings" (F7) in Plot and click on the settings button. Check the box that says "Rules By Layer." Select your back cut layer below the check boxes - (Did you name it "liner?"). Do a test cut (A 45° blade is fine) and adjust the settings until you are cutting through the liner, but not through the adhesive liner. Click on the "Set" button to lock in the settings. Now select the other layer (the front one) and flip the material over in the cutter so you are cutting the adhesive liner, and perform the same cut tests. Lock those settings in. Now go to "File/Back Cut. Select "liner" as the layer to back cut. Click OK. Plot will now send both cuts to the plotter, and a print job to the Edge. If you have already printed, just cancel the print job at the Edge.

Recommended Application Techniques:

When you have finished printing and cutting the job, make sure the surface you are applying to is smooth and clean. When you are ready to apply the ModelMark, you may want to use application tape as a hinge to secure the graphic in the right place. Try not to touch the adhesive side when you peel the liner back. Fingerprints can show. Burnish the graphic down from the hinge side out, being careful not to trap air bubbles. You will get good at it with practice. We recommend letting the adhesive set for an hour or so before trying to remove the liner. If you have to remove it before then, you may want to insert a clean exacto blade between the liner and adhesive and peel it from there. You are trying to break the coating off the liner. Once it separates, it peels very easily. If you need help, please call us at 847-582-9276.

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:

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. GMS1213 Graphic Marking Systems

Material Safety Data Sheet (MSDS)

Material Name: ModelMark Clear Transfer Adhesive				Company:				
Part Nos: TAD1MM1350C				Graphic Marking Systems				
Date Prepared: 8/25/2015				Address: 28457 N. Ballard Rd., Suite A1 Lake Forest, IL 60045				
General Description: Clear pressure sensitive permanent transfer adhesive with tow polyester liners.				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					Flammable 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: 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 Availble					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: 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.			