

PRODUCT CHARACTERISTIC SHEET and COC

PLEASE READ BEFORE USING!

Material: Plastick™ Digital Print Vinyl

Part Nos: PK41550Y

General Description: Yellow, soft, flexible vinyl with a clear extremely aggressive permanent adhesive suited for hard-to-stick-to surfaces including Thermoplastic Olefin. PlaStick is suited for solvent ink jet printing and thermal printing.

Thickness: 4 mil vinyl with 1.4 mil. of adhesive.

Outdoor Life: 2 years

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

Service Temperature Range: (-40° F to 176° F)

Minimum Application Temp.: 50° F

Adhesive Properties:

1.4 mils. of permanent acrylic pressure sensitive adhesive works for most surfaces including textured low energy plastic and metal surfaces

Tests performed | results:

Ultimate Peel from	Average OZ/IN	Test Method
Acrylic	108	ASTM D 903 (Modified for 72 hour dwell time)
Glass	106	
Polypropylene	71	
Stainless Steel	113	
Expected Shear Room Temp (hours)	40	ASTM D 3654 Method A a. 1 hrl dwell b. 1 sq. in. surface c. 4 lb. load
Tack (gm/sq cm)	1200	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:	
		Title:	Converting Manager
		Date:	

Recommended Application Techniques:

Plastick is ideal for LSE applications such as pelican cases and motorsport vehicles. When applying to surfaces such as plastics, clean the plastic with alcohol or acetone to remove any "silicone" mould residue from the plastic. Due to the aggressiveness of the adhesive, wet application techniques may be preferred. If you are laminating with Pro-Shield™ laminate, use the aid of a heat gun to get the finished graphic to conform to complex curved shapes. PlaStick vinyl may not remove cleanly from surfaces.

GSP Software Settings:

5 mil. In Gerber's Plot program, click on the "123" button then on the substitute button and select vinyl. Select 3M 220 Premium or Gerber ImageCal from the pull-down menu as the vinyl to print on. If you are using laminates on top of the base material, you will have to determine the best cutter settings by test cutting the finished construction.

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. GMS0718 Graphic Marking Systems

Material Safety Data Sheet (MSDS)

Material Safety Data Sheet (MSDS)

Material Name: Plastick™ Digital Print Vinyl				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: PK41550Y							
Date Prepared: 7/5/2018							
General Description: Yellow, soft, flexible vinyl with a clear extremely aggressive permanent adhesive.							
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: 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 0.3% Toluene in the adhesive.			