

PRODUCT CHARACTERISTIC SHEET and COC

PLEASE READ BEFORE USING!

Material: POLYESTER LAMINATE CLEAR MATTE

Part Nos: PY1-13120CM

General Description: Clear, smooth, matte polyester with a crystal clear, pressure sensitive, permanent adhesive on a clear film liner. Used for protective overlaminating.

Thickness: 1 mil. polyester with .5 mil. of adhesive.

Outdoor Life: 2 years

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

Service Temperature Range: (-40° F to 257° F)

Minimum Application Temp.: 50° F

Adhesive Properties:

Aggressive, high performance, permanent solvent-based acrylic pressure sensitive adhesive works on most surfaces including low energy plastics.

Tests performed | results:

Ultimate Peel from	Average OZ/IN	Test Method
Acrylic	77	ASTM D 903 (Modified for 72 hour dwell time)
Glass	77	
Polypropylene	18	
Stainless Steel	45	
Expected Shear Room Temp (hours)	75	ASTM D 3654 Method A a. 1 hrl dwell b. 1 sq. in. surface c. 4 lb. load
Tack (gm/sq cm)	310	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:

Laminate with a cold pressure sensitive laminator, not by hand. Separate from backing with a knife or razor blade and fold a corner under for easier handling.

GSP Software Settings:

Little if any cutting pressure needs to be added, because the film is so thin.

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 Name: POLYESTER LAMINATE CLEAR MATTE				Company:	
Part Nos: PY1-13120CM				Graphic Marking Systems	
Date Prepared: 7/5/2018				Address: 28457 N. Ballard Rd., Suite A1 Lake Forest, IL 60045	
General Description: Clear, smooth, matte polyester with a crystal clear, pressure sensitive, permanent adhesive on a clear film liner.				Phone: 847-582-9276 Fax: 847-582-9282	
Composition and information on ingredients:				UL Recognized: Pending	
Individual components of this product do not contribute to any known hazards.				ROHS Compliant: NO	
OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200): NONE				REACH Compliant: NO	
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:			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 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. 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 0.23% Toluene in the adhesive.		