

PRODUCT CHARACTERISTIC SHEET and COC

PLEASE READ BEFORE USING!



Material: Pitbull™ Industrial, white 2 mil. Polyester w/Pitbull™ adhesive

Part Nos: PYPB21550W, PYPB23050W, PYPB25450W, PYPB26050W, etc.

General Description: 2 mil. White Pitbull Industrial polyester has an aggressive clear pressure sensitive permanent adhesive that is rated for application to surfaces down to 32° F. The liner is lay-flat and moisture resistant, formulated for Gerber and wide format printers. The adhesive is well suited for powder-paint surfaces and low energy plastics as well as most other surfaces. It accepts a wide variety of pressure sensitive laminates such as polycarbonate, polyester, Tuff Cover, and vinyl.



UL- US recognition has been obtained for Pitbull industrial polyester with the Gerber GCS spot colors with or without Wet-Look 1 mil polyester laminate. The HP 873 Series Latex inks are also UL recognized, but only when laminated* with Wet-Look 1 mil polyester laminate.*Latex ink does not pass the rub test without the Wet-Look laminate. More information may be found by downloading the UL recognition file MH28890.

Thickness:	2 mil polyester with 1.4 mil. of adhesive.	Adhesive Properties: 1.4 mils. of permanent acrylic pressure sensitive adhesive works for most surfaces including textured low energy plastic and metal surfaces.
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.:	32° F	

Tests performed | results:

Ultimate Peel from	Average OZ/IN	Test Method
Acrylic	131	ASTM D 903 (Modified for 72 hour dwell time)
Aluminum	101	
Glass	133	
Polyethylene	82	
Polypropylene	91	
Powder Paint	100	
Stainless Steel	129	
Expected Shear Room Temp (hours)	15	ASTM D 3654 Method A a. 1 hrl dwell b. 1 sq. in. surface c. 4 lb. load
Tack (gm/sq cm)	950	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:	
		Supplier's Authorized Rep.:	<i>Demas Garcia</i>
		Title:	Converting Manager
		Date:	

Recommended Application Techniques:

Polyesters are dimensionally stable and will not stretch. Polyester naturally lays flat. Therefore they work best on flat or larger cylindrical surfaces. They do not work well on complex curved surfaces, rivets, and may not work on small (less than .75" diameter) cylindrical surfaces.

GSP Software Settings:

In Gerber's Plot program, click on the "123" button then on the substitute button and select vinyl. Select Gerber LabelStock 2 mil from the pull-down menu as the media to print on. You can also select it from the media pallette in Omega and save it with the job. 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. GMS0524 Graphic Marking Systems

Material Safety Data Sheet (MSDS)

Material Name: White 2 mil. Polyester w/Pitbull™ psa		Company:	
Part Nos: PYPB21550W, PYPB23050W, PYPB25450W, PYPB26050W		Graphic Marking Systems	
Date Prepared:		Address: 28457 N. Ballard Rd., Suite A1	
General Description: White, 2 mil. polyesters with a clear extremely aggressive permanent adhesive. This product is UL recognized with Gerber Foils and with HP latex series 873 inks. HP prints must be laminated with Wetlook 1 mil laminate for UL recognition.		Lake Forest, IL 60045	
		Phone: 847-582-9276	
		Fax: 847-582-9282	
Composition and information on ingredients:		3TG Compliant: YES	
Individual components of this product do not contribute to any known hazards.		Mil Spec MIL-DTL-43719 Type 1 Class 1	
OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200): NONE		UL File MH28890	
		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:		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:		Regulatory Information:	
Dispose of in accordance with Local, State and Federal regulations.		OSHA STANDARD CFR 29, PART 1910.1200: This product is considered to be an "article" under this standard.	
Other Information:		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.	
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.		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.	