HIGH-BOND™ POLYS | GMS MEDIA
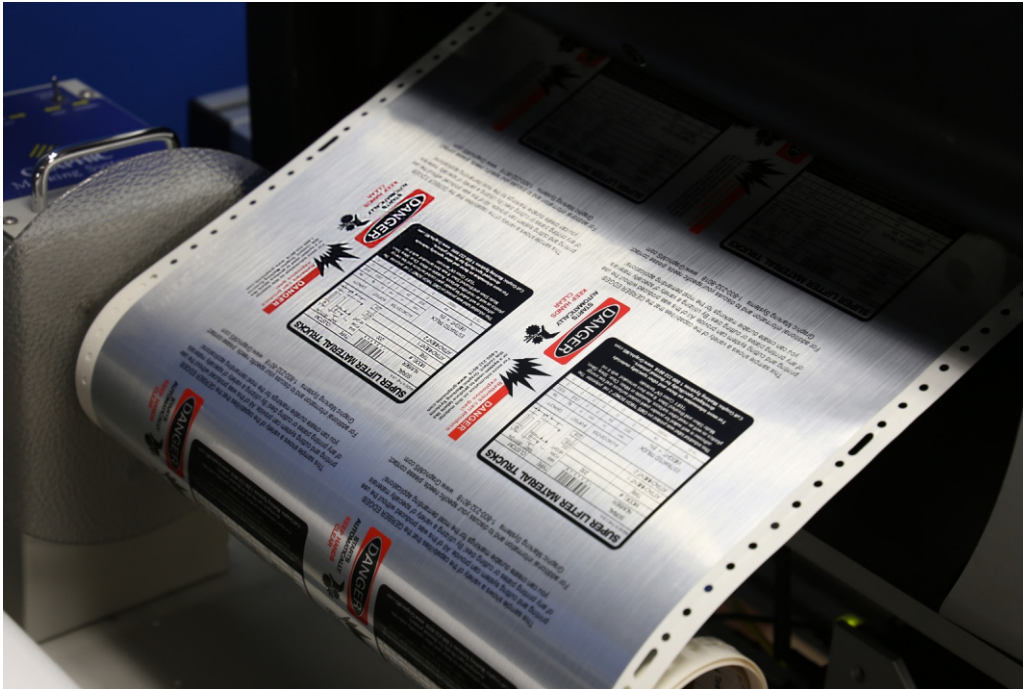

PRODUCT INFORMATION

GMS HIGH-BOND POLYESTERS™ adhere to most surfaces, including hard-to-stick-to surfaces such as powder paint and low energy plastics.

Our line of 2 mil polyesters are surface treated for excellent fine detail printing from thermal resin transfer as well as UV inks.

GMS HIGH-BOND Polyester's ability to withstand 300°+ temperatures make it a better choice than vinyl for industrial applications such as labels, data plates, control panels, etc.

Due to our moisture resistant liner that "lays flat" after printing and cutting, HIGH-BOND polyester is ideal for doming.

COLOR VARIATIONS

HIGH-BOND Clear Polyester
GMS Clear polyester has a high-gloss finish and clear adhesive for clear label applications. Many customers also use it for control panel applications when LED's are being used for back lighting. Use this polyester with Wet-Look™, Tuff-Cover™, and other GMS laminates.
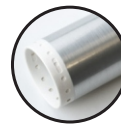
HIGH-BOND Matte Silver Polyester
Matte Silver polyester has a classic aluminum name-plate look, and in many cases is more permanent than riveted name-plates that you can pop off with a screw driver.

HIGH-BOND Shiny Silver Polyester
Shiny silver is great for that high-end chrome look. Adding "Wet Look" laminate will maximize the chrome effect. Printing with transparent colored foils gives you more choices of new chrome colors.

HIGH-BOND Brushed Silver Polyester
Brushed Silver Polyester has a high-end decorative look that simulates stainless steel.

HIGH-BOND White Polyester
This bright white polyester has a pearlescent high gloss shine.

PRODUCT CHARACTERISTIC SHEET

Material: HIGH-BOND POLYESTERS

Part Nos: PY781550 (C,W,S,MS,BS) These letters designate the color of the part no. starting with PY78. See general description below.

General Description: 2 mil. Clear, White, Shiny Silver, Matte Silver, and Brushed Silver High-Bond polyesters have an aggressive clear, pressure sensitive permanent adhesive that is rated for application to surfaces down to 32° F. The liner is a lay-flat moisture resistant liner formulated for the Gerber Printers and works well for positioning tabs. The adhesive is well suited for powder-paint coated 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. Shiny Silver, matte, and brushed are metallized, but not conductive.

Thickness:	2 mil. polyester with 1mil. of adhesive.
Outdoor Life:	2 years
Shelf Life:	2 years after processing, stored at 70 F & 50%RH
Service Temperature Range:	(-40º F to 302º F)
Minimum Application Temp.:	32º F

Adhesive Properties:

Aggressive, high performance, permanent solvent-based acrylic.

Tests performed | results:

Ulitmate Peel from	Average OZ/IN	Test Method	
Acrylic	110	ASTM D 903 (Modified for 72 hour dwell time)	
Glass	78		
Polypropylene	38		
Stainless Steel	60		
Expected Shear Room Temp (hours)	5	ASTM D 3654 Method A	a. 1 hrl dwell b. 1 sq. in. surface c. 4 lb. load
Tack (gm/sq cm)	760	ASTM D 2979	

The above tests were performed on three or fewer production runs. Therefore the results are for guidance only, and should not be used for setting specifications.

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. GMS0617