

# Plas<sup>TM</sup>tick



## PRODUCT INFORMATION

**Plas<sup>TM</sup>tick** is a soft vinyl with the most aggressive adhesive we offer; it is specifically designed to stick to smooth LSE plastic surfaces. **Plas<sup>TM</sup>tick** is ideal for printing with thermal or wide format non-aqueous ink jet printers. This vinyl is for permanent applications, where removal is not being considered.

**Plas<sup>TM</sup>tick** has 1.4 mils of permanent adhesive for smooth or slightly textured surfaces. It is also aggressive on powdered paint surfaces.

Laminate with Tuff-Cover<sup>TM</sup>, or our matte and gloss vinyl laminates, to get the durability and look you want.

**Plas<sup>TM</sup>tick** is available in bright white, safety yellow, and safety orange.



## PLASTICK<sup>TM</sup> FEATURES



### STRONG

Plas<sup>TM</sup>tick is known for its strong bond to plastic surfaces. Once applied and cured for a day or two, it won't come off without a fight.



### LONG-LASTING

Plas<sup>TM</sup>tick is reliably permanent. If abrasion or UV resistance is needed, laminate with one of our many industrial strength UV laminates.



### AVAILABILITY

Plas<sup>TM</sup>tick is in stock for immediate shipping in punched 15" for the Gerber Edge, and up to 60" wide for non-aqueous ink jet printers. We will also custom cut it to your specifications.



**GRAPHIC**  
Marking Systems<sup>®</sup>

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# PRODUCT CHARACTERISTIC SHEET

## **PLEASE READ BEFORE USING!**

**Material: Plastick™ Digital Print Vinyl**

**Part Nos: PK41550W, PK42050W, PK43050W, PK45450W**

**General Description:** White, 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:	3 mil vinyl with 1.4 mil. of adhesive.	<b>Adhesive Properties:</b> 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 176° F)	
Minimum Application Temp.:	50° F	

### 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		
<b>Expected Shear</b> Room Temp (hours)	40	ASTM D 3654 Method A	a. 1 hrl dwell b. 1 sq. in. surface c. 4 lb. load
<b>Tack</b> (gm/sq cm)	1200	ASTM D 2979	

### 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:

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. GMS0612 Graphic Marking Systems



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