



# PERFORMANCE GUIDE

**PRODUCT: PermaPrint™ PP2013 Series**

<u>STOCK NUMBER</u>	<u>SIZE</u>
PP3514	40.9" x 328 ft (1.0 m x 100m)
PP3515	51.1" x 328 ft (1.30 m x 100m)
PP3516	60.2" x 328 ft (1.53 m x 100m)

**PERMACOLOR®**

The **Permacolor** system is a series of pressure sensitive products for mounting and overlaminating in the imaging industries. Pressure sensitive **Permacolor** provides fast, efficient processing through cold roll lamination techniques without the need for heat, drying or messy coating operations.

**PRODUCT DESCRIPTION**

The **PermaPrint Series** consists of mounting adhesives with and without film carriers. These smooth, adhesive constructions permit distortion-free mounting of photographic prints and other graphic images to a wide variety of substrates including Fome-Cor®, Gatorfoam®, Crescent® board, Masonite® and Sintra®.

**PermaPrint PP2013** consists of a thin, clear polyester film coated on both sides with a solvent based, rubber pressure sensitive adhesive. A yellow kraft paper liner protects the adhesive.

**PermaPrint PP2013** is an economically designed mounting product with medium tack, medium peel adhesion and high cohesive strength for quick adhesion to a variety of mounting surfaces and efficient processing through most roll laminators. The single release liner (self-wound) permits easy lamination and eliminates the need to remove a second liner in applications where that may be difficult or impossible.

<u>PHYSICAL PROPERTIES</u>	<u>TYPICAL VALUES*</u>	<u>TEST METHOD</u>
<b>Thickness, inches (μ)</b> Carrier plus adhesive	0.0024 (60)	ASTM D-645
<b>Quick Tack, lb./in<sup>2</sup> (N/25 mm)</b> Stainless Steel	3.0 (13)	MACtac CTM-25
<b>Peel Adhesion, lb./in. (N/25 mm)</b> Stainless Steel - 30 minutes 24 hours	2.4 (11) 2.8 (12)	ASTM D 903-49
<b>Shear, Hours to Fail</b> Stainless Steel	250	FTM -8
<b>Temperature Range Guidelines</b> Application: End Use:	50° to 104°F (10° - 40°C) for best results. -20° to 195°F (-30° to 90°C)	
<b>Adhesive pH</b>	Neutral	TAPPI-529

## GENERAL COMMENTS

- ⇒ Where exposure to chemicals, solvents or high pressure wash is anticipated, MACtac recommends sealing the edges with varnish, silicone or other sealants to prevent penetration by these liquids.
- ⇒ Prints should not be applied onto dusty, dirty, oily or oxidized surfaces.
- ⇒ The mounting board must be properly prepared prior to mounting the image. This may include wiping with alcohol, light sanding or surface sealing depending on the board. Contact your board supplier for their recommendation.
- ⇒ MACtac's pressure sensitive mounting films are intended for "Cold Roll Lamination" (50°F - 104°F). The addition of heat while simultaneous mounting with Thermal Overlaminates may result in curl or have other detrimental effects on the finished product.
- ⇒ Whenever possible, always test first to ensure end-use capability.

## SHELF LIFE

Two years when stored at 68°F (20°C) and 50% relative humidity or less. Note: MACtac recommends that rolls be stored on end or suspended from the core.

*\* Values given are typical and are not necessarily for use in specifications. Product reinforced with 2-mil polyester during adhesion testing.*

(0500) Approved by J. Stadelman

- ® PermaPrint is a registered trademark of Morgan Adhesives Company.
- ® Permacolor is a registered trademark of Morgan Adhesives Company.
- ® Fome-Cor is a registered trademark of Monsanto Company.
- ® Gatorfoam is a registered trademark of International Paper Company.
- ® Crescent is a registered trademark of the Crescent Cardboard Company.
- ® Masonite is a registered trademark of Masonite Corp.
- ® Sintra is a registered trademark of Alussuisse Metal, Inc.

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