



PERFORMANCE GUIDE

www.MACtac.com

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Approved by J. S.

PermaPrint®

PRODUCT: IP2013 Mounting Film

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® mounting films** consist of acrylic 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®.

IP2013 is a thin film coated on both sides with an acrylic pressure sensitive adhesive contained between two release liners. The smooth uniform film of adhesive permits distortion-free mounting of photographic prints to a wide variety of substrates such as Fome-Cor®, Gatorfoam®, Crescent® board, Masonite® and Sintra®.

The two yellow, calendared kraft liners are designed for removal just prior to adhesive lamination to the image or mounting board.

IP2013 is only available in 79" wide rolls for those special, extra wide, mounting jobs.

<u>PHYSICAL PROPERTIES</u>	<u>TYPICAL VALUES*</u>	<u>TEST METHOD</u>
Thickness inches (μ) Carrier and Adhesive	0.0024 (60)	ASTM D-645
Quick Tack , lb./in. ² (N/25 mm) Stainless Steel	3.4 (15)	MACtac CTM-25
Peel Adhesion , lb./inch (N/25 mm) Stainless Steel - 30 minutes	2.5 (11)	PSTC - 3
24 hours	2.3 (10)	
1 week	3.5 (15.5)	
Shear , Hours to Fail Stainless Steel	50	PSTC - 7
Temperature Range Guidelines Application:	50° to 120°F (10° - 49°C) for best results.	
End Use:	-20° to 200°F (-30° to 93°C)	

GENERAL COMMENTS

- ⇒ Where exposure to chemicals, solvents or high pressure wash is anticipated, MACTac recommends sealing the edges with varnish, silicone or other sealant 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 - 120°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 75°F (24°C) and 50% relative humidity or less. Note: MACTac recommends that rolls be stored on end or suspended from the core.

- 1) **The user is responsible for determining the product's suitability, including adhesion and if needed, removal characteristics when used in applications other than listed specifically in this Performance Guide.**
 - 2) **If there are any questions about applications, please contact your MACTac sales representative to discuss your requirements for recommendations.**
 - 3) **If this is a printed Performance Guide it is an uncontrolled document. Please check the MACTac website for the latest, most up-to-date version.**
- ***Values given are typical and are not necessarily for use in specification.***
 - ***Product reinforced with 2-mil polyester during adhesion tests.***

- ® Permacolor is a registered trademark of Morgan Adhesives Company.
- ® Fome-Cor is a registered trademark of Monsanto Company.
- ® Gatorfoam is a registered trademark of Alussuisse Metal, Inc.
- ® 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.

CALL 1-800-401-5005 for additional product information

IMPORTANT NOTICE: The information given and the recommendations made herein are based on our research and are believed to be accurate, but no guarantee of their accuracy or completeness is made. In every case, user shall determine before using any product in full scale production, or in any way, whether such product is suitable for user's intended use for their particular purpose under their own operating conditions. User assumes all risk and liability whatsoever in connection with their use of any product. The products discussed herein are sold without any warranty as to merchantability or fitness for a particular purpose, or any other warranty, express or implied. No representative of ours has any authority to waive or change the foregoing provisions, and no statement or recommendation not contained herein shall have any force of effect unless in an agreement signed by the officers of seller and manufacturer. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent without authority from the owner of the patent. The following is made in lieu of all warranties, express or implied: Seller's and manufacturer's only obligation shall be to replace or credit such quantity of the product proved to be defective at its discretion.

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