



**PERMACOLOR®**

# Overlaminates and Mounting Films

## Permacolor®. Out of Sight - By Design

If you're looking for the leader in overlaminating and mounting films, the choice is clear. MACtac® Permacolor offers a complete system for mounting and protecting images. The line features performance-matched finishing products designed to offer superior wet-out and Permacolor offers films for both pressure sensitive lamination and thermal encapsulation.

### Features and Benefits

- Full range of widths up to 79"
- Highest optical clarity adhesive film on the market
- UL flame resistance classified
- Ultraviolet (UV) light absorbers and heat stabilizers for increased image longevity
- Broadest range of overlaminate finishes in the industry
- Mounting films feature smooth, uniform adhesive
- Performance-matched for use with IMAGin® digital media
- Dedicated, controlled environment production facilities optimize product clarity and consistency
- Warranted to work

PERFORMANCE GRAPHICS  
IMAGin® • MACmark® • PERMACOLOR® • MACscreen®



A Bemis Company



## Overlaminating Films

**Overlaminating Films:  
Protect your Investment.**

Harsh ultraviolet (UV) rays, moisture, dirt, oil and grime can harm graphic images that take hours to create. But they don't have to – protect your investment with Permacolor® overlaminates. These durable films are ideal for protecting and enhancing ink jet, electrostatic, photographic, screen-printed and laser-printed graphic images from potential contaminants.

## Mounting Films

**Mounting Films:  
Held to the Highest Standard.**

When your reputation is on the line, you want products that outperform and outlast the competition. That's why you count on mounting films that provide superior adhesion and flawless results for face and back-mounting of graphic images. It's why you choose Permacolor mounting films from MACTac®. Available for both general purpose and optically-clear applications, this family of films allows for smooth and distortion-free mounting of photographic, ink jet, electrostatic, lithographic and screen-printed images.

## Pressure Sensitive Overlaminates

Permacolor's pressure sensitive overlaminating films enhance the appearance and flexibility of graphic images. Available in a variety of finishes to suit almost any application or preference, these films provide aggressive adhesion that is pH-neutral, making them compatible with sensitive paper substrates. The flexible vinyl face provides the industry's best UV protection for longer lasting prints and helps guard against moisture and abrasion contaminants.

### Features

- Wide variety of thicknesses and finishes (high gloss, matte, lustre)
- Complete line of rigid overlaminates for flat or non-flat displays
- Optically-clear films for enhanced photo clarity and color vibrancy
- IP6200 (ASTM-certified polycarbonate) and PF6300 (textured vinyl) films are ideal for floor graphic applications
- LF6500 Series is specifically designed for the protection of digital images
- LF3600 Series is a line of 2-mil cast vinyl laminates for those highly conformable, complex applications

### Benefits

- Compatible with all cold-roll laminators
- Uniform appearance across a broad range of substrates
- Indoor and outdoor versatility
- Superior UV protection for long-lasting prints
- UL classified to protect against surface burning
- Easily cleaned with a mild glass cleaner
- Performance-matched for use with IMAGin® digital imaging media

## Thermal Overlaminates

Permacolor® also offers a family of high-quality, low-temperature thermal films designed for overlamination and encapsulation of graphic images. A variety of finishes are available for enhanced color clarity and brilliance, as well as opaque stiffener films for added image stability.

### Features

- Wide variety of thicknesses add flexibility to images for easy handling and display
- High-gloss finish helps enhance image clarity
- Satin finish available for reduced glare
- White opaque films act as stiffeners/backers
- Hardcoat matte finish provides best scratch-resistance available
- 100% Light block adds body and dimension to rollable displays.

### Benefits

- Compatible with all thermal laminators
- Provides outstanding protection at an economical price
- Offers the most durable encapsulation of images currently available
- Allows for thermal lamination of water-based ink jet images
- Thermal encapsulation provides the best protection against moisture

## Features

- Built on solvent adhesive technology
- Free film and double-coated formulations available
- General purpose and optically-clear films allow for mounting of any application
- General purpose films are coated with ultra-smooth adhesive for trouble-free applications
- White film carriers ensure flawless photo and graphic image mounting (IP5000)
- Optically-clear free film construction is ideal for irregular surfaces such as lenticulars and touch screens (IP4000)

## Benefits

- General purpose mounting films are perfect for a wide range of substrates including: Fome-Cor®, Gatorfoam®, Crescent® Board, Masonite® and Sintra®
- Optically-clear films provide smooth appearance when face and back-mounting to lenticular, clear and translucent materials
- Films protect mounted images from color fading caused by prolonged exposure to UV light
- All Permacolor mounting films are pH-neutral

		Products	Roll Sizes	Description	Details	
Mounting Films	General Purpose	High Perf.	IP2000	21" to 61" x 150' or 400'	Free Film	1.8-Mil Ultra-Smooth Clear Adhesive; Two Release Liners
		Inter.	IP5000	21" to 61" x 150' or 400'	Double-Coated Film	3.8-Mil Opaque Adhesive; Self-Wound
	Optically Clear	High Perf.	PP2000	37" to 60" x 328'	Double-Coated Film	2 Products: Both 2.4-Mil Clear; 1 Acrylic, 1 Rubber-based Adhesive
		High Perf.	IP4000	51" x 150' or 400'	Free Film	1.7-Mil Distortion-Free Clear Adhesive; Two Release Liners
			IP2100	21" x 61" x 150' or 400'	Double-Coated Transparency Film	4.5-Mil Distortion-Free Clear Adhesive; Two Release Liners
		Inter.	PT2100	60" x 164'	Double-Coated Transparency Film	3.1-Mil; Two Release Liners
Overlaminate	Pressure Sensitive	High Performance	IP6000	21" to 51" x 75' or 150'	Semi-Rigid Polycarbonate	15-Mil Textured
			IP6100	21" to 51" x 150'	Semi-Rigid Polycarbonate	10-Mil Textured
			IP6200	21" to 51" x 150'	Semi-Rigid Polycarbonate	5-Mil Textured
			PF6300	40" to 53" x 164'	Vinyl	5-Mil Textured
		High Perf.	IP7000	21" to 61" x 150' or 400'	Polyester	2-Mil High Gloss
			IP7200	21" to 61" x 150' or 400'	Vinyl	3.5-Mil Matte
			IP7300	21" to 61" x 150' or 400'	Vinyl	3.3-Mil Lustre
		Inter.	PG7000	37" to 60" x 164' or 328'	Polypropylene	1.2-Mil Gloss Dry Erase
			PG7200	37" to 60" x 164' or 328'	Vinyl	4 Finishes: 3.1-Mil Gloss; 2.75-Mil Semi-Gloss; Semi-Matte, Matte
		Digital Print	LF3600	54" to 60" x 150' or 164'	Cast Vinyl	3 Finishes: 2-Mil High Gloss; Gloss Matte, Matte,
	LF6500		37" to 79" x 164'	Calendered Vinyl	4 Finishes: 3-Mil Gloss; Semi-Matte, Matte; 4-Mil Textured	
	Thermal	Intermediate	TL2000	33" to 55" x 250' or 500'	Polyester	3 and 5-Mil Clear High Gloss
			TL2100	33" to 55" x 250'	Polyester	10-Mil Clear High Gloss
			TL4000	33" to 55" x 500'	Polyester	3-Mil Satin
			TL5000	33" to 55" x 250'	Hard Coat Polyester	5-Mil Matte
			TL5100	33" to 55" x 250'	Hard Coat Polyester	10-Mil Matte
			TL5300	38" to 55" x 250'	Hard Coat Polyester	10-Mil Textured
			TL5400	38" to 55" x 250'	Hard Coat Polyester	5-Mil Textured
			TL5600	33" to 55" x 500'	Hard Coat Polyester	3-Mil Matte
			TL6100	38" to 55" x 250'	Vinyl	10-Mil Textured
		Backers	TL8000	33" to 51" x 250'	Polyester	5-Mil White Opaque Stiffener/Backer
			TL8100	33" to 51" x 250'	Polyester	10-Mil White Opaque Stiffener/Backer
			TL8300	33" to 51" x 250'	Polyester	10-Mil White Opaque Stiffener/Backer/Light Block



Recommendations are believed to be accurate but do not constitute a warranty written or implied. Refer to MACtac Product Performance Guides and Technical Assistance Bulletins prior to use.



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