



# MACtac®'s B•free™ Patented Air Egress System

Are you looking for the fastest, easiest-to-apply high-performance products on the market? MACtac has exactly what you need. Our B•free products allow you to produce graphics with pop, and get the installation done in record time.

B•free offers the best print quality on the market, period. Compatible with solvent, UV, and eco-solvent ink jet inks and screen inks, B-free is the glossiest media available, provides exceptional whiteness and offers an ultra-smooth print surface. Provided on a polycoated liner for layflat this is a true multi-print media.

The B•free facestock is a proprietary polymer blend which offers enhanced conformability for the most demanding applications and allows for easy correction of wrinkles with the use of heat.

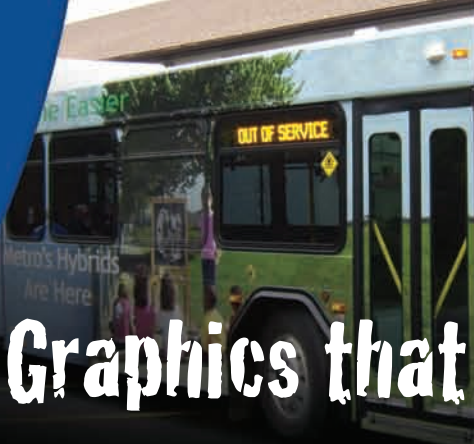
Our advanced air egress technology is omni-directional – squeegee in any direction, and air pockets disappear. The microstructured adhesive also allows for easy liner removal without stretching the media, making panel alignment simple and saving time during application.

When it's time for graphic removal, you won't find a product better engineered to make this tedious work go smoothly. The B•free facestocks and adhesives were carefully designed to provide robust application performance, yet retain enough strength to remove with ease.

Whether you're marking trucks, trailers, walls, vans, boats or car fleets, MACtac's B•free line offers a level of performance to fit all your needs:

For premium performance in high volume applications where speed is essential, **JT5529BFDM PRO** will get your customers back in business in record time. JT5529BFDM PRO offers a quick, aggressive bond and a 10 year durability, 2.1-mil ultra-conformable face that's the right choice for complex application work.

**JT5529BFD**, also a 2.1-mil 10 year film, is ideal for flat to complex curved applications. The adhesive was designed for applications requiring a repositionable adhesive, particularly in very warm locations where other adhesives grip too tightly to be easily aligned.



## Graphics that Rock!

**OPEN-IMAGE WARRANTY™**  
Customizable, peace of mind



A Bemis Company



**MACtac**  
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## Technical Specifications

<b>JT5529BFD</b> <b>Pro</b> <b>B•free™</b> <b>Digital</b> <b>Media</b>	JT5529BFD Pro is a 2.1-mil soft white gloss, highly conformable, laminated PVC film designed for solvent-based ink jet printing. The product is coated on one side with an aggressive, permanent, opaque, acrylic pressure sensitive adhesive with air egress technology and supplied with an 80# polycoated 2-side release liner. JT5529BFD Pro is designed for use by experienced applicators for long-term outdoor; vehicle markings on flat, curved, complex and riveted surfaces.	
	Physical Properties	Typical Values
	<b>Peel Adhesion, PPIW (N/25mm)</b> 180° on Glass    15 min. 30 min. 24 hr.	<b>2.3 (10.0)</b> <b>2.5 (10.9)</b> <b>3.0 (13.1)</b>
	<b>Quick Tack on SS, lb./in<sup>2</sup> (N/25 mm)</b>	<b>1.8 (8.1)</b>
	<b>Dimensional Stability, (%)</b> 48 hours @ 158°F	max. 0.5
	<b>Temperature Ranges,</b> Minimum Application: End Use:	<b>50°F (+10°C)</b> <b>-58° to 194°F (-50° to 90°C)</b>
	<b>Printing Conditions</b>	<b>72°F (23°C)</b> <b>and 50% Relative Humidity</b>
	<b>Shelf Life</b>	<b>2 Years from D.O.M. when stored at 60/70°F (15/25°C) and 50% RH</b>
	<b>Lamination</b> Ensure print is perfectly dry. Material should have 24 hr. drying time prior to lamination or transportation. <b>Permacolor® LF3640</b> for complex curved and riveted applications and <b>LF3680, LF3650</b> and <b>CV6300</b> for flat applications, are recommended overlaminates to prevent scratching. Note: Adding an overlamine will significantly reduce conformability to complex curved surfaces.	
<b>JT5529BFD</b> <b>B•free</b> <b>Digital</b> <b>Media</b>	JT5529BFD is a 2.1-mil soft white gloss, highly conformable, polymeric PVC film designed for solvent-based ink jet printing. The product is coated on one side with a permanent, opaque, acrylic pressure sensitive B•free adhesive with air egress technology and supplied with an 80# polycoated release liner. JT5529BFD is designed for long-term outdoor; vehicle markings on flat, curved, complex and riveted surfaces.	
	Physical Properties	Typical Values
	<b>Peel Adhesion, PPIW (N/25mm)</b> 180° on Glass 24 hr.	<b>3.2 (13.5)</b>
	<b>Quick Tack on Glass, lb./in<sup>2</sup> (N/25 mm)</b>	<b>4.3 (19)</b>
	<b>Dimensional Stability, (%)</b> 48 hours @ 158°F	max. 0.5
	<b>Temperature Ranges,</b> Minimum Application: End Use:	<b>50°F (+10°C)</b> <b>-4° to 160°F (-20° to 70°C)</b>
	<b>Printing Conditions</b>	<b>72°F (23°C)</b> <b>and 50% Relative Humidity</b>
	<b>Shelf Life</b>	<b>2 Years from D.O.M. when stored at 60/70°F (15/25°C) and 50% RH</b>
	<b>Lamination</b> Ensure print is perfectly dry. Material should have 24 hr. drying time prior to lamination or transportation. <b>Permacolor® LF3640</b> for complex curved and riveted applications and <b>LF3680, LF3650</b> and <b>CV6300</b> for flat applications, are recommended overlaminates to prevent scratching. Note: Adding an overlamine will significantly reduce conformability to complex curved surfaces.	

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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