

BANNERS

POS PRO + 300 / UNIVERSAL

Block-Out Polyester Film

for Water-Based Pigment & Solvent Systems

Making all Great Images Count



www.magicinkjet.com

MARKET APPLICATIONS

- Trade Show Graphics
- POP Applications
- Promotional Indoor Signage

PRODUCT DESCRIPTION

- 14.5 mil (362 micron) printable, anti-curl, bright white, block-out polyester film specifically designed for universal printing
- Compatible with both aqueous and solvent ink jet printers
- Front-imaged and front-viewed
- Expanded durability with lamination
- Cold laminates recommended (see Application Guide)

GENERAL AVAILABILITY

POS PRO + 300	Part #
▪ 36" x 20'	69223
▪ 36" x 100'	69221
▪ 50" x 100'	69363

Note: All sizes are on 3" cores, coated side out, enabling use in either aqueous or solvent ink jet printers

FEATURES & BENEFITS

- New and improved Bright White printing surface
- High image quality and durability
- Aqueous and solvent ink jet compatibility
- Substantial weight for vibrant trade show graphic panels
- Excellent water resistance in conjunction with pigmented inks

PRINTER COMPATIBILITY

Product	Ink	Printer Compatibility
Pos Pro+ 300	Pigment Recommended Rastergraphics PiezoPrint 5000 inks may be used. Dye inks provide higher color gamut, but ink fade may occur**	Thermal & Water-Based Piezo Ink Jet Systems, including: Encad NovaJet® / Pro / ProE, HP DesignJet®, ColorSpan® DisplayMaker®, Epson® Stylus Pro, Canon iPF series, other piezo water-based pigment printers
	Solvent Inks	Mimaki, Mutoh, DGI, Vutek, Nur, Arizona, Seiko, Scitex, etc.

Note: It is recommended that the automatic cutter be turned off within the printer system. Some printer blades may not be able to trim this media.

** Not recommended for Encad® GX, Ilford® Archiva™ and ColorSpan EnduraChrome™ inks because premature fading is known to occur.

* For additional product details – including printer settings, lamination, finishing and mounting guidelines – see Application Guide under Tech Support of www.magicinkjet.com

* For ICC profile availability, see www.magicinkjet.com

Phone: 1-800-628-8604
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Disclaimer: Information presented in this product sellsheet is intended to offer a useful reference in selecting media for your output. No media warranties are implied unless specifically mentioned. Printer and / or ink changes may affect results. The most current product information may be found at www.magicinkjet.com.

Date: April 2008

MAGIC® APPLICATIONS GUIDE

POS PRO+ 300 / UNIVERSAL



Block-out Film For Aqueous Pigmented & Solvent Systems

MAGIC® POS PRO+ 300 is a 15.2 mil printable, anti curl, blockout film that is specifically designed for universal printing. POS PRO+ 300 is a cost effective solution for high quality trade show graphics. POS PRO+ 300 offers high image quality and durability and is coated with a universal coating that is compatible with both aqueous pigment and solvent ink jet printers.

PHYSICAL PROPERTIES

Caliper	15.2 mil (369.8 micron)	Whiteness	99
Basis Weight	365 g/m ²	% Opacity	99
60° Gloss	2.5	Flame Spread Class:	Class B**

**Based on ASTM E84 test method

The back side of PosPro+ is compatible with 3M™ 467 adhesive tape.

APPLICATIONS GUIDELINES

Imaging: The print needs to be front imaged and viewed from the image side. The print side is the matte side and it is wound to the outside of the roll. Trade show graphics is the primary product application.

Printer & Ink Compatibility: POS PRO+ 300 may be printed with ink jet systems such as Hewlett-Packard DesignJet®, Encad NovaJet® /Pro/Proe, ColorSpan® Displaymakers, Epson Stylus Pro series, Canon iPF series, and most piezo water-based pigment printers. POS PRO+ 300 may be printed with Raster Graphics PiezoPrint 5000 inks. It is recommended to use pigment inks. Although dye-based inks provide a higher color gamut, ink fade can occur. Inks NOT recommended for use are Encad GX, Ilford® Archiva™, and ColorSpan EnduraChrome inks because premature fading is known to occur. POS PRO+ 300 may be used in most solvent ink jet printing systems such as Mimaki, Mutoh, Vutek, Nur, Seiko, Scitex, etc.

Printer Settings: To optimize print quality, printers should be set for the highest print quality. The maximum ink saturation level for NovaJet and ColorSpan prints is 250%. To reduce the effects of “star wheel marks” and to minimize bleed, the recommended maximum ink saturation level is 250% on the HP DesignJet series printers. The media selection is “Heavy Weight Coated Paper” for the HP DesignJet Series printers. “Super” and “bi-directional” are the printers settings for waterbased piezo wide format printers. Dry-time will vary depending on ink type and the ink saturation level used. To optimize print quality on the solvent ink jet printers, 720 dpi bi-direction will offer the best results. 540 x 360 also offers good output. Optimized printer settings will vary from printer manufacturer. 25°C to 35°C is a good starting point for both pre and post heaters. If available, use dryer or fix to dry image quickly. It is recommended to turn off the automatic cutter within the printer system. Some printer blades may not be able to trim this media.

Light Stability: Pigment inks (aqueous & solvent) offer an image less subject to light fade.

FINISHING RECOMMENDATIONS

Laminating: Prints should be completely dried before laminating. It is recommended to wait 24 hours before laminating to allow for adequate dry time. Five mil (5 mil) or less cold pressure-sensitive overlaminates are recommended.

RECYCLING AND DISPOSAL

Disposal by recycling of ink jet media is the preferred method. Where recycle markets do not exist, disposal by landfill or an approved incinerator is acceptable.

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For more information, call 1-800-628-8604,
or visit our website: www.magicinkjet.com

*Most updated version of this guide can be obtained on our website.

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