

TEXTILES

Magiclée®/ Magic® FAB-6

Fabric Banner for Aqueous & Solvent Systems

Making all Great Images Count



magiclée

www.magicinkjet.com

MARKET APPLICATIONS

- Indoor Flags
- Outdoor Banners
- Pop-Up Displays
- Point-of-Sale Displays
- Window Decorations and Window Backlits

PRODUCT DESCRIPTION

- 6.8 mil thickness
- 100% polyester woven fabric
- Compatible on most aqueous and solvent ink jet printers

GENERAL AVAILABILITY

FAB-6	<u>Core Size</u>	<u>Part #</u>
36" x 10'	2"	45806
36" x 150'	2"	45805
42" x 150'	2"	48428
50" x 150'	2"	46947

FEATURES & BENEFITS

- Soft appearance, a favorite for retail displays
- Works for both frontlit and backlit
- Designed for use with aqueous & solvent pigment ink systems

MEDIA COMPATIBILITY

FAB-6 is compatible with HP DesignJet, Epson, and other water-based piezo printers. The universal coating can be used with both dye and pigment inks. FAB-6 can also be used on most solvent ink jet and eco-solvent printers, including Vutek, Seiko, Mimaki JV3, and Mutoh Toucan.

* For complete Magiclée® /Magic® product set, refer to the Printer Compatibility Charts under Technical Support on www.magicinkjet.com.

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

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

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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: December 2010

InteliCoat Technologies®

PRODUCT APPLICATIONS GUIDE

magiclée

FAB-6

InteliCoat



Digital Imaging
Substrates

INK JET POLYESTER INDOOR/OUTDOOR FABRIC for Aqueous and Solvent Ink Jet Printing Systems

FAB-6 is a 6.8 mil 100% polyester woven fabric ideal for producing indoor flags, displays, window decorations, pop-up displays, window backlits, and outdoor banners. FAB-6 has a unique ink jet coating that allows it to be compatible on most aqueous and solvent ink jet printers.

PHYSICAL PROPERTIES

Total Caliper:	6.8 mil	173 microns
Basis Weight:	115 g/m ²	3.4 oz/yd ²
Gloss (60°):	1.0 (matte)	
Whiteness:	93	
Brightness:	90	
% Opacity:	75%	
Flammability Rating:	Class A according to ASTM E84	
Fire certificate	In compliance with Germany B1 fire regulations testing	
Life Expectancy with pigment inks:	1 year indoor (unprotected) / 6 months outdoor (unprotected)	

APPLICATIONS GUIDELINES

Printer & Ink Compatibility:

FAB-6 is compatible on Hewlett-Packard DesignJet®, Canon iPF series, Epson Stylus series, and other water-based piezo printers. The universal coating can be used with both dye and pigment inks. Pigment inks provide a more stable image from light fade. FAB-6 can be used on most solvent ink jet and Eco-solvent printers such as: MimakiJV3, Mutoh Toucan, Seiko, Vetek, Scitex, Roland Versa Camm, etc.

Printer Settings:

To optimize print quality, printers should be set "Heavy Coated Paper" on HP printers. The recommended ink saturation level is 300% for all printer types. If increased density is wanted, the fabric can accept 400%, but some bleeding will occur at higher saturation areas. Use no or minimal vacuum pressure to prevent fabric creases that may induce headstrike. For solvent printers, 120 °F for both pre and printer heaters are recommended. These settings are a good starting point.

Printing Environment:

FAB-6 works best when printed in an environment between 18-30°C and between 20-80% RH. Ink dry times will vary depending on printer, ink, ink drop volumes, and printing environment (humidity).

Material Handling:

Store unused material in its original packaging. FAB-6 is water resistant and will not run or bleed when wet; however inks will smudge if rubbed when wet. Washing or dry cleaning of the material is not recommended. Any loose threads should be removed before printing to prevent contact with cartridges or printer components. Be certain ink is completely dry prior to handling.

FINISHING RECOMMENDATIONS

Tape & Hem:

Standard high-tack banner tape can be used but can alter the burning characteristics of the material. Follow the guidelines of the tape manufacturer. If sewing, it is recommended to stitch in non-imaged borders to prevent coating scratching in high ink areas. Fabric heat knives should be used to cut final graphics to eliminate fraying on ends. It is recommended to cut fabric on a glass surface with a metal ruler to prevent browning of edges. FAB-6 can be heat welded back-to-back.

Grommeting:

Grommets should be placed in the hemline along the length of the banner so that the grommet is through two layers of the fabric. Corner grommets should be placed where the length and width hems cross, so that the grommet is through four layers. For added strength, Banner-Ups®, Power-Tabs®, Power-Tape® are options to consider (www.bannerups.com).

Surface Protection:

Be certain that graphic is completely dry prior to finishing. Liquid laminates are compatible and provide excellent surface protection. Always pretest oversprays for compatibility prior to use. The flammability and handling characteristics of the fabric may change when protection is applied.

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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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