

MAGIC® APPLICATIONS GUIDE

FAB-MESH

Polyester Mesh Knit Fabric

InteliCoat



Digital Imaging
Substrates

FAB-MESH is a 12 mil polyester mesh knitted fabric. This fabric's mesh knit construction offers a unique airy see-through appearance that is ideal for producing flags, banners displays, window decorations, pop up displays, and window backlights. FAB-MESH offers a unique appearance and is designed for aqueous pigment printing systems. After printing, remove the back liner. The image may be viewed on both sides.

PHYSICAL PROPERTIES

Caliper of fabric.	12.0 mil	306 microns
Caliper of Release Liner.	2.0 mil	51 microns
Weight of fabric153 g/m ²	4.5 oz/yd ²
Whiteness108 (measured on white plate)	
Opacity	47.5	
Optimum Printing Environment70° F /21 °C (30-70% RH)	
Life Expectancy with pigment inks:	1 year indoor, 3 months outdoor	

APPLICATION GUIDELINES

Printer & Ink Compatibility: FAB-MESH may be printed on Canon iPF series, Epson Stylus series, Hewlett-Packard DesignJet series printers, and other thermal and piezo aqueous pigment printers. Do not remove liner until printing is complete.

Printer Settings: To optimize print quality, printer should be set for the highest print quality. Unless otherwise noted in the profile name, use these settings: On the Epson Stylus 9800 with matte black ink, use Textured Fine Art Paper at 1440 dpi. On the HPZ6100, use HP Artist Matte Canvas. Use no or minimum vacuum pressure to prevent fabric creases that may induce headstrike.

Printing Environment: FAB-MESH works best when printed in an environment between 18-30°C or 65-86°F and between 30-70%RH. Ink dry times will vary depending on printer, ink, ink drop volumes, and printing environment (humidity).

Material Handling: Store unused media in its original packaging. FAB-MESH is water resistance and will not run or bleed when wet; however inks may smudge if rubbed with 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 may be used. Follow the guidelines of the tape manufacturer. If sewing, it is recommended to stitch in non-image borders to prevent coating scratching in high ink areas. Fabric heat knives should be used to cut the final graphics to eliminate fraying on the ends. It is recommended to cut fabric on a glass surface with a metal ruler to prevent browning of edges.

Grommeting: Grommets should be placed in the hemline along the length of the banner so that the grommet is through two layers of 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)

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For more information, call 1-800-628-8604,
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