

TEXTILES

Magic® FAB-MESH™

Polyester Mesh Knot Fabric for Aqueous Systems

Making all Great Images Count



www.magicinkjet.com

MARKET APPLICATIONS

- Indoor /Outdoor Banners, Signage or Hanging Flags
- Tabletop and Tradeshow Displays
- Point-of- Sale Displays
- Window Decorations and Window Backlits

PRODUCT DESCRIPTION

- 12.0 mil fabric thickness on a 2 mil liner (which permits transport through printer and is peeled off after printing)
- 100% polyester, lightweight mesh knot fabric; mesh knit texture offers a unique appearance

GENERAL AVAILABILITY

<u>FAB-MESH</u>	<u>Core Size</u>	<u>Part #</u>
36" x 10'	2"	70208
36" x 100'	2"	70209
50" x 100'	3"	70210

FEATURES & BENEFITS

- Thin and lightweight, knot texture offers a unique appearance
- Soft, drapeable
- Works for both frontlit and backlit
- Designed for use with aqueous pigment-ink systems

MEDIA COMPATIBILITY

Designed to offer exceptional print performance in the Canon iPF series, Epson Stylus, and other thermal and piezo pigment printers.

- * For complete Magic® product set, refer to Magic Printer Compatibility Chart under Technical Support on www.magicinkjet.com.
- * For additional product details – including printer settings and lamination 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.

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InteliCoat Technologies®

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,
or visit our website: www.magicinkjet.com

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

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