

MAGIC[®] APPLICATIONS GUIDE

InteliCoat



Digital Imaging
Substrates

FAB-12

Heavy Polyester Woven Fabric for Eco-Solvent & Solvent Ink Jet Printing Systems

MAGIC[®] FAB-12 is a 12 mil heavy woven 100% polyester fabric for solvent and eco-solvent ink jet printers. This heavy weight fabric is an ideal solution for banners, roll-up banner stands, trade show displays, and durable flags.

PHYSICAL PROPERTIES

Total Caliper:	12 mil306 microns
Basis Weight:	258 g/m ²76 oz/yd ²
Gloss (60°)	5.5	
Whiteness:	110	
Brightness:	80	
% Opacity:	89	

APPLICATION GUIDELINES

Printer & Ink Compatibility:	FAB-12 is designed for eco-solvent and solvent ink jet printers such as: Roland, Mutoh, Mimaki, Vutek, Scitex, Nur, and Hewlett-Packard, etc.
Printer Settings:	To optimize print quality, printers should be set for the highest print quality. Suggested heater settings are 40 °C for pre heat, and 35 °C for print heat. These settings are a good starting point.
Printing Environment:	FAB-12 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 (temperature & humidity).
Material Handling:	Store unused material in its original packaging. FAB-12 is water resistant and will not run or bleed when wet; however inks will smudge if rubbed when wet. 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. 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.
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 handling characteristics of the fabric may change when protection is applied.