

MAGIC[®] PRODUCT APPLICATIONS GUIDE

PB10UV

InteliCoat



Digital Imaging
Substrates

POLYETHYLENE INDOOR/OUTDOOR INK JET BANNER

MAGIC[®] PB10UV is ideal for short-term indoor and outdoor promotional banners where a smooth, uniform base material is required. Its polyethylene base gives PB10UV a high level of water resistance, good drape characteristics and excellent light blocking opacity. The light blocking opacity allows this product to be two-side imageable. PB10UV is designed to offer exceptional print performance on UV cure printing systems using flexible ink sets.

PHYSICAL PROPERTIES

Caliper:	9 mil (230 micron)	Gloss (60°):	42
% Opacity:	99 %	Optimum Print RH:	20-60%
Whiteness:	88	Optimum Print Temp.:	70°F (21°C)
Brightness:	81		

APPLICATIONS GUIDELINES

Outdoor and Indoor Banner: This product is recommended for indoor and outdoor banner applications.

Printer & Ink Compatibility: PB10UV is designed to offer exceptional print performance on UV cure printing systems using flexible ink sets. The light blocking opacity allows this product to be two-side imageable.

Water Resistance & Surface Protection: This product is considered water resistant. The film surface can be damaged from excessive folding or creasing, so overlaminating is recommended for protection.

Material Handling & Storage: Once the print is completed, roll imaged media onto a core until ready for use. Folding of the material is not recommended. After use, the material should be stored in its original packaging in the poly bag at 59-86°F / 15-30°C and 30-70% RH.

FINISHING RECOMMENDATIONS

Tape & Stitched Hem: Standard high-tack banner tape can be used and is preferred to sewing, as the sewing process can scratch the film surface. Follow the guidelines of the tape manufacturer. If sewing, it is recommended that the unlaminated banners be stitched hem side up so that the sewing machine foot comes in contact with only the backside of the banner. For maximum reinforcement, a double-stitched hem with a double lock stitch with a maximum of five stitches per inch and corner reinforcements are recommended.

Grommeting: Grommets should be placed in the hemline along the length of the banner so that the grommet is through two layers. Corner grommets should be placed where the length and width hems cross, so that the grommet is through four layers. A reinforced corner is also recommended to increase durability.

Laminating: A vinyl pressure-sensitive overlaminate or an acrylic liquid overcoat may be used. However, overlaminating one side may cause the product to curl toward the laminated side.

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. See the Magic Technical Bulletin @ www.magicinkjet.com

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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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