

MAGIC® PRODUCTS APPLICATIONS GUIDE

PPM7UV

POLYPROPYLENE INK JET BANNER

InteliCoat



Digital Imaging
Substrates

MAGIC® PPM7UV is an economical 7 mil polypropylene durable banner material that resists water and UV damage. PPM7 produces high quality images on a matte finish. The matte surface minimizes glare from indoor lighting. The product is designed to offer exceptional print performance on UV cure printing systems using flexible ink sets.

PHYSICAL PROPERTIES

Caliper 7.0 mil (179 micron)	Tensile Strength (MD/CD) 50/65 lbs/in
Basis Weight 165.7 g/m ²	Ultimate Elongation (MD/CD) 150/90%
%Opacity: 97	Optimum Print Temp. 70°F (21°C)
Gloss 3	Indoor Life Expectancy* 6 months (UV inks)
Flame Spread Classification (ASTM E-84) Class B Based on ASTM E-84 Test Method	Outdoor Life Expectancy* 1 month (UV inks)

*Based on manufacturer's accelerated age testing using conventional pigment ink. Results may vary based on usage.

APPLICATIONS GUIDELINES

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

Printer & Ink Compatibility: PPM7UV is designed to offer exceptional print performance on UV cure printing systems using flexible inks.

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

Material Handling & Storage: Once print is completed, roll imaged media onto a core until ready for use. Folding of the material is not recommended. After use, the roll 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 so that the grommet is through two layers. Corner grommets should be placed through the four overlapping layers. A reinforced corner is also recommended to increase durability.

Laminating: A vinyl pressure-sensitive overlaminate or an acrylic liquid overcoat can also 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 1-413-539-5731,
or visit our website: www.magicinkjet.com

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

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