

MAGICLEE®/ MAGIC®APPLICATIONS GUIDE

magiclee

Firenze 170 PSA (DMPG170 PSA)

Pressure-Sensitive Presentation Grade Paper

InteliCoat



Digital Imaging
Substrates

Firenze170 PSA is a one side-imageable, 170 gram poster paper with a permanent pressure-sensitive adhesive (PSA) and a release liner. The heavy weight paper and PSA coating combination is designed to reduce paper cockle and provide easy handling during the mounting process. Firenze170 PSA is ideal for posters and POP displays and can be used with both water-base thermal and piezo ink jet systems

PHYSICAL PROPERTIES

Total Caliper	12.8 mil	326 microns
Caliper of Release Liner.	4.5 mil	115 microns
Basis Weight of paper	170 g/m ²	5 oz/yd ²
Adhesive Type	Permanent Solvent-based	
Whiteness121	
Opacity	94%	
Optimum Printing Environment	70° F /21 °C (30-70% RH)	

APPLICATION GUIDELINES

Printer & Ink Compatibility: Firenze170 PSA may be printed on Canon iPF series, Epson Stylus series, and other thermal and piezo aqueous printers. Firenze170 PSA may also be printed on the Hewlett-Packard DesignJet 2000/3000/5000 series printers with dye-based and pigment inks but expect reduced black density and slightly less print quality. This product is not compatible with HP 1000 series. Pigment inks offer a more stable image, less subject to light fade.

Printer Settings: To optimize print quality, printers should be set for the highest print quality, and "Heavy Weight Paper" mode. The recommended maximum ink saturation level is 200% for all printer types. Ink saturation limits can vary due to ink types, ink drop volume and humidity, so ink saturation levels should be optimized for specific printers, ink, and software combinations. Over saturation will result in paper cockle and possibly head strike. This paper works best in an environment between 18-30°C or 65-86°F and between 30-70%RH. Longer ink dry times will occur at higher RH environments.

Material Handling: Store unused media as well as prints waiting for lamination or mounting in an environment of less than 50% RH. In high humidity, the paper will absorb moisture, and this will interfere with lamination adhesion and print performance.

FINISHING RECOMMENDATIONS

Surface Preparation & Recommended Surfaces: Always ensure that the receiving surface is thoroughly cleaned, free of dust, dirt or cleaner residues. Painted metal, glass and standard graphic art mounting board surfaces should be cleaned with standard glass cleaners or isopropyl alcohol (IPA). Poor surface conditions will cause adhesion loss or failure. The product is designed for use on smooth, flat indoor surfaces such as: Stainless steel, glass, acrylics, ABS, polycarbonate, Plexiglas®, Foam Core®, and Sintra®. Textured surfaces and wood tend to promote poor adhesion. Application of this product to dry wall is not recommended due to the potential difficulties in removal. Always pretest your specific substrate prior to actual application.

Laminating: To give added surface protection from dirt and abrasion, a pressure-sensitive overlamine is recommended. Heat activated laminates should not be used because the heat can degrade the adhesive peel strength. Overlaminating one side may cause the product to curl toward the laminated side and the edges to lift.

Removal: Removal will require physical scraping or use of solvents as this is a paper-based product with a strong solvent-based permanent adhesive. By inserting a sharp knife or razor under a corner of the graphics carefully, the graphic will remove in fairly large strips. Most residue can be removed by soaking with a mild solvent such as isopropyl alcohol or ethanol.

USA
28 GAYLORD STREET
SOUTH HADLEY MA 01075-2894

InteliCoat Technologies

For more information, call 1-800-628-8604,
or visit our website: www.magicinkjet.com

©2009 InteliCoat Technologies.
All rights reserved.

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

10/06/09