



46 LB COATED INKJET WATER-RESISTANT PAPER

Magellan® 46 lb premium coated inkjet bond paper offers the same advanced coating technology as our 24 lb, 28 lb, and 36 lb inkjet bond. The combination of water-resistant inkjet coating along with the high quality base paper produces a strong, smooth printing surface ideally suited for many types of high volume CAD and graphic applications. This truly superior coating is optimized for HP, Epson and similar printers using dye and pigmented ink systems. Waterproof images, crisp lines, dense black and vivid colors combined with fast drying time are only a few of benefits you get when you use Magellan paper.

PHYSICAL PROPERTIES:

Basis Weight	46 LB
Caliper	8.7 MIL
Opacity	99%
Brightness	95

FEATURES & BENEFITS:

The water-resistant feature is ideal for short-term poster, banner and signage applications. This revolutionary coating accepts heavy ink saturation and dries quickly which improves productivity. It works in just about any printer and ink type allowing you more printing applications.

MARKET APPLICATIONS:

- CAD Printing
- Indoor Signs
- Point-of-Purchase Displays
- Screen Printing
- Wall Hangings
- Displays

Mapping
Seminar Graphics
Report Covers
Field Prints
Legal Presentations
Short Term Outdoor Signage

USAGE GUIDELINES:

It's always best to calibrate (linearize) your printer each and every time you change media and/or ink sets. Please refer to the printer manual for specific instructions on calibration.

OPERATING CONDITIONS:

Magellan® inkjet coated bond works best in controlled operating conditions. Recommended operating conditions are: relative 35-68% humidity and 60-90° F temperature. Drying time for your image will vary depending on printer, inks, amount of ink used, environmental conditions, and media type. To prevent surface damage allow the print to dry for at least 20 minutes. Images using heavy ink coverage may require a longer drying time.

LAMINATION:

Lamination is not required; however it can provide additional surface protection from dirt, abrasion, and moisture. It can help prevent inks from fading due to UV exposure. It can also add or diminish gloss on your final image output. Both hot and cold laminates are available with varying results. It is very important that your image is completely dry prior to laminating, to avoid ruining your print. Your print may not laminate properly if it's not fully dry, causing it to de-laminate over time.

MAGELLAN®**DIETZGEN**

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MEDIA HANDLING:

It is extremely important to handle coated paper at the edges, keeping your hands from touching the imaging area of the media. Fingerprints, dirt, and oils from hands can cause inks to repel and result in poor printer output. Return unused media back into its white polyester bag. For proper loading instructions, refer to manual supplied with machine.

INKS:

Magellan® water-resistant coated paper is designed to work with dye and pigment inks. Use of inks other than the original equipment manufacturer's inks may require testing to see if the inks will work with the Magellan media.

INPUT AFFECTS OUTPUT:

When generating files for wide format graphics applications, it is recommended that the raster images such as tif, bmp, jpg, etc., maintain a minimum of 75 pixels per inch (PPI) at final output size. This will eliminate "jaggies" or "bitmapping" of continuous tone images. Vector files (usually referring to text and illustrations drawn in software applications such as Corel Draw and Adobe Illustrator) will remain crisp when scaled as long as your application does not rasterize the information (i.e., if imported into Adobe PhotoShop), acceptable color matching of vector files to Pantone Matching System (PMS) specifications can be obtained if your RIP software utilizes proper ICC profiles when outputting to specific ink/media/output device combinations.

PRINTER COMPATIBILITY

● Ideal Match

■ CAD and/or Light Inkjet Coverage

	DYE BASED INK	PIGMENTED INK
Hewlett Packard: 1050c, 1055cm, 500, 800, 350c, 450c, 455cm, 488ca, 750c, 755cm, 750c Plus,	●	●
CalComp: Techjet	●	●
Epson StylusPro 9000,9500	■	■
ColorSpan: DisplayMaker Series 8, Series 12, Professional XL60	■	■
ENCAD: I, II, III, IV, NovaPro 36/50, NovaJet PROe 42/60, Proe600, NJ500, NJ630, NJ700, NJ850, Chroma 24"	■	■
Graphtec: SignJet Pro	■	■
Kodak: 2042, 2060 DS100	●	●
Mimaki: HI-FI Jet	■	■
Mutoh: RJ4000	■	■
Roland: HI-FI Jet	■	■
Xerox: 2230ij	■	■

This Magellan® media is designed to work in inkjet printers. We guarantee that this paper, when properly used in accordance with our printer media guide listed above, will not damage printer parts. If damages occur from the sole use of our media, we guarantee the replacement of parts upon receipt of satisfactory evidence. This guarantee does not pertain to those damages occurring from normal machine wear and tear due to prolonged use of any media, including the original equipment manufacturer's brand.