

**Jet Set® Coated Matte Papers** are high-quality coated matte papers designed for a wide range of CAD or POP applications. These bright white papers provide the broadest range of attainable colors. All the base papers were manufactured under an alkaline pulping process. Jet set media out-performs the alternatives on major CAD printers. Jet Set coated papers include JSO-24, JSO-24HR, and JSO-36.

**JSO-24:** A 24# matte paper is designed for most dye-based wide format printers. JSO-24 is considered the “standard of the industry” for consistency and superior color gamut for CAD, seismic plots, and POP displays.

**JSO-24HR:** A 24# matte paper with a universal coating designed for smaller dot size where super fine line resolution is required.

**JSO-36:** A 36# matte heavyweight paper with a universal coating designed to hold higher ink loads for full color CAD 3D modeling and POP displays.

## PHYSICAL PROPERTIES

Property	JSO-24	JSO-24HR	JSO-36
Basis Weight (g/m <sup>2</sup> )	90 (24#)	90 (24#)	135 (36#)
Caliper	4.5	4.7	6.4
% Opacity	91%	90%	90%
Brightness	97	98	99
Whiteness	115	114	117
Acid Content (front & back)	slight alkaline	slight alkaline	slight alkaline

## APPLICATIONS GUIDELINES

**Printer and Ink Compatibility:** Jet Set® coated matte papers can be used on most Hewlett-Packard DesignJet® and Canon iPF series printer systems equipped with dye-based inks.

**Printer Settings:** Image JSO-24 in “Coated Paper” mode. JSO-36 may be printed in the “Heavy Weight Coated” mode. The quality output will depend on application. Over-saturation will result in paper cockle and possibly head strike. Jet Set coated matte products work best in an environment between 18-30 °C or 65-86 °F, and between 20-80% RH. Longer ink dry times will occur at higher RH environments.

**Material Handling:** Store unused media in its original packaging. Images should be stored in an environment with 50% RH or less. Papers can absorb moisture in high humidity conditions making ink dry times longer or laminate adhesion difficult.

Product	HP650	HP450/750	HP500/800/1000	HP2000/3000	HP5000/5500	Canon iPF series
JSO-24	*	*	*	*	*	*
JSO-24HR	*	*	* *	*	*	*
JSO-36	*	*	*	*	*	*

\* Selection of higher print modes may have to be performed to reduce banding.

## FINISHING RECOMMENDATIONS

**Lamination:** Jet Set® coated papers can be overlaminated with most cold laminates and low temperature hot laminates, but cold is preferred to achieve better adhesion. Make sure the images are completely dry prior to laminating. Exceeding the recommended ink saturation level can affect laminate adhesion or make lamination difficult due to paper cockle. When the paper is overlaminated with heavy gauge laminates and either mounted to a board or encapsulated, overlap the image with a 0.25 inch safe edge of laminate. This will seal the paper, preventing moisture absorption and paper splitting from the undue stress of the heavy gauge laminating films. Use laminates of equal gauge when encapsulating to prevent image curl.

## RECYCLING AND DISPOSAL



Paper

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 Magic Recycle Bulletin @ [www.magicinkjet.com](http://www.magicinkjet.com).

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For more information, call 1-800-628-8604,  
or visit our website: [www.magicinkjet.com](http://www.magicinkjet.com)

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

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