



DISPLAY GRAPHICS

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REFERENCE SHEET

FILMS

382-40

UNIVERSAL WHITE FILM

Product Type & Description

Universal White Film is designed to produce the highest image quality for color digital printing. This film is a “universal” product for use in all wide format ink jet printers that use either dye or pigment based aqueous inks. 382’s combination of high gloss, high whiteness and ultra smooth surface produce unsurpassed image quality. These features combined with physical robustness and excellent laminating & mounting characteristics make Universal White Film the media of choice for the most demanding of applications.

Technical Properties

Basis Weight: 150 grams
Opacity: 93%
Gloss: 90 minimum @ 60 degrees
Availability: 100 foot rolls in 24”, 36”, 42”, 50”, 54” and 60”

Caliper: 4.6 mil nominal
Whiteness: 110 minimum
Ink: Dye and Pigment Compatible

Application Guidelines

Printing Tips: Always use gloves when handling rolls. Always print on the outside of roll. To insure best print performance of this or any media, check the print cartridges daily. This will prevent alignment errors when machine loads paper. This media is designed to accept 400% ink loads but increased ink loads will increase dry time. For best results print in 60 to 85 F and 40 to 60% RH.

Finishing Recommendations: This media is not designed for Outdoor applications. However, it may be used for Outdoor signage if encapsulated on all sides with a U.V. resistant laminate. Suited for both pressure sensitive and heat activated low temperature laminates. Allow adequate dry times before over laminating.

Printer & Ink Compatibility

Table with columns for Hewlett-Packard (105X, 25/3500, 5000), Encad (ALL), Epson (9000/10000, 9500/10000), and Colorspan (All). Rows include Ink Set (Dye, Pig) and OK? status.

X = excellent

- = acceptable

N = Not recommended

Notes & Comments:

## Recommended Printer Settings

Note: When printing with HP 5000 series printer driver use Printer Color Management for best results

Hewlett-Packard	Epson	EnCad
<b>Model:</b> 1050 series <b>Ink:</b> Dye	<b>Model:</b> 9000 <b>Ink:</b> Dye	<b>Model:</b> All Models
<b>Setting:</b> Mate Film/No Color correction	<b>Setting:</b> Glossy Film / 720dpi	<b>Ink:</b> All OEM dye and pigment ink types
<b>Model:</b> 2500/3500 <b>Ink:</b> Dye	<b>Model:</b> 9500 <b>Ink:</b> Pigmented	<b>Settings:</b> Onyx Poster Shop 5.X
<b>Setting:</b> Hi Gloss Film / Best / No Color Correction	<b>Setting:</b> Glossy Film / 720 or 1440dpi	Use Glossy Film setting for the Ink being used.
<b>Model:</b> 2500/3500 <b>Ink:</b> Pigmented	<b>Model:</b> 10000 <b>Ink:</b> Dye	
<b>Setting:</b> Hi Gloss Photo / Best / No color correction	<b>Setting:</b> Glossy Film / 720dpi	
<b>Model:</b> 5000 <b>Ink:</b> Dye	<b>Model:</b> 10000 <b>Ink:</b> Pigmented	
<b>Setting:</b> Photo Imaging Gloss / Max Quality/Pantone Color Correction	<b>Setting:</b> Glossy Film / 720 or 1440dpi	
<b>Model:</b> 5000 <b>Ink:</b> Pigmented		
<b>Setting:</b> UV Durable Gloss / Max Quality Max Detail / Pantone Color Correction		

## Competitive Products and Information

Company	Product ID#	Our Competitive Advantage	Their Competitive Advantage
<b>Intelicoat</b>	DMWF4EN Glossy White Film	<b>Higher White Point 109 vs. 90</b> <b>Higher Color Gamut volume when printed</b> <b>On the HP 5000 Designjet</b>	<b>None Known</b>
<b>Sihl</b>	3900 Glossy white Film	<b>Higher tear strength better lamination / dye</b> <b>And pigment compatible</b>	<b>None known</b>
<b>Azon</b>	797N Glossy White Film	<b>Shorter dry times, heavier basis weight and</b> <b>Higher tear strength/ dye &amp; pigment compatible</b>	<b>None known</b>

## Our Features/Advantages/Benefits

Feature	Advantage	Benefit
<b>High quality inkjet film</b>	<b>Excellent imaging characteristics, images that “POP” off the page with both dye and pigment inks</b>	<b>Less stocking keeping units required to service wide format ink jet market</b>
<b>Tear Resistance</b>	<b>Once printed graphics are long lasting and Reusable.</b>	<b>Images have more “POP”. Higher value for your customers</b>
<b>Bright White / High Gloss</b>	<b>Images and white space adhere better when using low temperature laminates</b>	<b>Less end user problems when job after image is rolled up</b>
<b>Improved mounting</b>	<b>Printed jobs go up and stay up</b>	<b>Less end user problems when images are shipped or moved</b>

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# ARKWRIGHT

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