

Mactac IMAGIn JT5728P
3.1mil 54" x 164' Matte White
Translucent Backlit Print Media

Product Spec Sheet



Provided by

MyBinding[®]
When Image Matters.

Call Us at 1-800-944-4573

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Approved by J. S.

Product

IMAGIn® JT5728P

Product Description

JT5728P is a 3.1-mil translucent, **matte** white, soft, polymeric plasticized, calendered PVC film designed for solvent-based ink jet printing. The product is coated on one side with a permanent, clear, acrylic pressure sensitive adhesive and is supplied with an 86# Kraft liner.

JT5728P is designed for internally illuminated signs (light boxes) and window graphics.

Physical Properties

Property	Typical Values	Test Method
Peel Adhesion lb./in. (N/25mm) 180° on glass - 24 hr.	4.1 - 5.9 (18 - 26)	FTM - 1
Quick Tack, lb./in² (N/25mm) Glass	4.3 - 6.2 (19 - 27)	FTM - 9
Dimensional Stability, (%) 48 hours @ 158°F	max 0.2	FTM - 14 10" x 10" Sample Bonded to aluminum
Temperature Ranges Minimum Application: End Use:	40°F (+5°C) -40°F to 194°F (-40°C to 90°C)	
Light Transmission (%) Transmission Reflection Absorption	27 66 7	EN410 Varian Carry 5000
Energy properties (%) Transmission Reflection Absorption	32 55 13	EN410

Durability

The outdoor durability of the unprinted film is 5 to 7 years. Overlamination of the inkjet-printed material with IMAGIn overlaminates delays eventual color fading that may occur over time. This color fading is mainly dependent upon the inks quality (see technical data sheets given by the ink manufacturers) and the pressure sensitive media being used.

Shelf Life

2 years from D.O.M. when stored at 60/77°F (15/25°C) and 50% relative humidity in the original package.

Approved Printing Processes:

Screen Printing:	HP Indigo
UV Cured	<input type="checkbox"/>
Solvent	<input type="checkbox"/>
Digital: UV Inkjet	<input checked="" type="checkbox"/>
Eco-solvent	<input checked="" type="checkbox"/>
True solvent	<input checked="" type="checkbox"/>
Latex	<input checked="" type="checkbox"/>
Off-set	<input type="checkbox"/>
Off-set UV	<input type="checkbox"/>
Thermal Transfer	<input type="checkbox"/>
Flexographic	<input type="checkbox"/>
Laser	<input type="checkbox"/>
Jetron	<input type="checkbox"/>

To achieve the best possible print quality, please make sure that the correct ICC profiles or printer settings are used. Profiles can be obtained from our Distributors or can be downloaded from www.MyBinding.com. Printer and heater settings and ICC profiles can also be downloaded from some O.E.M. or software manufacturer's websites.

The ICC profiles are provided solely as a customer resource. Print environments, the individual nature of printing systems, inks and software can significantly affect output. It is the customer's responsibility to determine the suitability of any profile for use in their specific print environment.

Glass Breakage

MACtac accepts no liability for glass breakage due to temperature differences across the glass which can be caused by sunlight on dark areas of the graphic. Size, thickness, quality of cut, edge treatment, tinting and frame design all effect temperature stress.

Limitations

- 1) The user is responsible for determining the product's suitability, including adhesion and if needed, removal characteristics when used in applications other than listed specifically in this Performance Guide.
- 2) If there are any questions about applications, please contact your Mactac sales representative to discuss your requirements for recommendations.
- 3) If this is a printed Performance Guide it is an uncontrolled document. Please check the Mactac website for the latest, most up-to-date version.

Recommendations

Always test your combination of JT5000 products, inks and laminating films prior to commercial use.

- 1) **Printing Conditions:** Print in conditioned pressroom at ±73°F (23°C) and 50% RH. The maximum allowable ink saturation is 270%
- 2) **Drying Requirements:** Solvent, Eco-solvent and Mild-solvent inkjet prints require 24 - 48 hr. drying time - open to the air. Inks do not dry when printed media is rolled up. The prints must be dry prior to lamination or application.

- 3) **Transportation Conditions:** To allow for easy transportation, IMAGIn JT5000 series can be rolled up, with the image out, with a minimum diameter of 6 inches (15cm). When the image is not protected by an overlaminant, make sure the print is completely dry and protected in a plastic bag. During transportation or storage, avoid exposing them to extreme temperature and humidity changes.

- *Values given are typical and are not necessarily for use in specification.*

CALL 1-800-321-8834 for additional product information

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