

Technical Data Sheet

JT 5529 P

IMAGin : Self-adhesive products especially designed for full-colour short-run digital printing.

PRODUCT DESCRIPTION

FACE MATERIAL : 55 µ White gloss soft, highly conformable, laminated PVC film.

ADHESIVE : Permanent opaque acrylic.

LINER : Coated Kraft liner 140 gsm.

TYPICAL USES

Long term outdoor very conformable film for vehicle markings on flat, curved, embossed or riveted surfaces.

PRINTING

Especially designed for solvent based inkjet printing on wide-format printing equipment such as : GRETAG Arizona A 180, MUTOH Albatros PJ-1304NX, MUTOH Toucan, NUR Fresco, NUR Blueboard HiQ+, NUR Salsa Ultima Series, SCITEX VISION Idanit Novo, SCITEX VISION Pressjet, SCITEX VISION XLjet, VUTEK UltraVu 2360 & 2600 & 3360 & 5000 Series, Tiara Systems Sapphire and opal printers.

PHYSICAL PROPERTIES OF THE UNPRINTED FILM

	<u>Average values</u>	<u>Test method</u>
<u>Adhesive Data, 23°C</u>		
Quick Tack on glass	23 ± 3 N/25 mm	FTM 9
Peel 24 hours on glass	22 ± 3 N/25 mm	FTM 1
<u>Dimensional stability</u>		
% shrinkage : 48 hours at 70°C (applied on aluminium)	max 0.5 %	FTM 14
<u>Temperature ranges</u>		
Minimum application temperature :	+ 10°C	
Service temperature range :	- 40°C to + 70°C	

SHELF LIFE

2 years when stored at 15 to 25°C and ± 50 % relative humidity (in the original packaging).

DURABILITY

The outdoor durability of the unprinted film is 10 years.

Overlamination of the inkjet printed material delays eventual colour fading that may occur upon time. This colour fading is dependent from the quality of the inkjet inks and the self-adhesive materials being used.

RECOMMENDATIONS

- Always test the combination of JT 5000 products, inks and laminating films prior to commercial use.

- **Printing conditions**

A conditioned pressroom, $\pm 23^{\circ}\text{C}$ and 50 % R.H.

- **Laminating conditions**

Please ensure the print is perfectly dry. The printed material should be left to dry for at least 48 hours prior to lamination or transport.

If the printed graphics is likely to be exposed to corrosive liquids, smoke, fumes, highly polluted areas or if there is a likelihood of scratching or friction or to ensure longer durability, it is strongly recommended to laminate the prints with pressure-sensitive protective film **IMAGin LF 3699** (highly conformable, glossy film).

Remark : The use of an over-laminate is not recommended for deep recesses (films must be cut - please see Technical Bulletins, JT 5529 P Application Guide).

- **Transportation conditions**

To allow easy transportation, **IMAGin JT series** can be rolled up, with the image on the outside, with a minimum diameter of 15 cm (for example on a 6 inches core).

When the image is not protected with a laminating film, make sure that the print is perfectly dry before rolling it over. To avoid exposing the print to any liquid aggressions, prints should be protected by a plastic bag. During the transport or storage of the prints, avoid exposing them to extreme temperature and humidity variations.

IMPORTANT NOTICE

All MACTac products are subject to careful quality control throughout the manufacturing process and are warranted to be of merchantable quality and free from manufacturing defects.

Published information concerning MACTac products is based upon research which the Company believes to be reliable although such information does not constitute a warranty.

Because of the variety of uses of MACTac products and the continuing development of new applications, the purchaser should carefully consider the suitability and performance of the product for each intended use, and the purchaser shall assume all risks regarding such use. The seller shall not be liable for damages in excess of the purchase price of the product nor for incidental or consequential damages.

All specifications are subject to change without prior notice.