IMAGin®

mactac®

Self-adhesive Digital Imaging Media for wide-format inkjet Printing

JT 5928 P

Technical Data Sheet

7 year polymeric calendered vinyl

PRODUCT DESCRIPTION

FACE MATERIAL : 70 µ White matt, polymeric stabilized, soft calendered PVC film.
ADHESIVE : Permanent opaque acrylic.
LINER : Coated Kraft liner 140 gsqm backprinted MACtac/IMAGin.

TYPICAL USES

Long term outdoor advertising or promotion on flat or curved surfaces.

PRINTING

Especially designed for solvent, eco-solvent, mild solvent, Latex and UV inkjet printing on wide-format printing equipment.

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 Subsidiaries, Distributors or can be downloaded from www.mactac-europe.com
Printer & Heater settings and ICC profiles are also downloadable from some of the OEM's web sites.

PHYSICAL PROPERTIES OF THE UNPRINTED FILM

	Average values	Test method
Adhesive Data, 23°C Quick Tack on glass Peel 24 hours on glass	 12.5 ± 3 N/25 mm 18 ± 4 N/25 mm	 FTM 9 FTM 1
Dimensional stability shrinkage : 48 hours at 70°C (applied on aluminium)	max 0.5 mm	FTM 14
Flammability	Self-extinguishing	ISO 3795
Temperature ranges Minimum application temperature : Service temperature range :	 + 10°C - 20°C to + 70°C	

SHELF LIFE

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

EXPECTED DURABILITY

The expected vertical outdoor durability of the unprocessed product in Central Europe (Zone 1) is up to 4 years. This information is based on successful real life experience and artificial aging according to ISO 4892-2.

Note : 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, the orientation of the printed material, the angle of display and the exact location of exposure on the Globe.

Exposure to severe temperatures, ultra-violet light as well as conditions in Southern European countries, tropical, sub-tropical or desert regions will cause more rapid deterioration. This also applies to polluted areas, high altitude and south facing exposure. No durability warranty is given for horizontal exposure. For more information, please refer to Technical Bulletin 7.5: "Outdoor Durability of combined MACtac print media and laminates".

RECOMMENDATIONS

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

↓ Printing conditions

A conditioned pressroom, ± 23°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 films IMAGin LF/LUV 3998-99, Permafun series and LAG100.
MACtac denies responsibility for product failure if non-MACtac laminating films are used for the application.

↓ 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.

GENERAL REMARK : factors affecting adhesion

To ensure application suitability - always test the proposed construction under actual application and end-use conditions before going into full production.
The following factors will adversely affect adhesion of a pressure-sensitive adhesive:

* Dusty, dirty, oily or oxidized surfaces
* Mould release agents on blow-moulded plastic surfaces
* Low surface energy substrates, such as: polyethylene, polypropylene...
* Application below the minimum application temperature or use outside of the recommended service temperature ranges.

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 informa*tion does not constitute a warranty.*
*B*ecause 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 s*eller shall not be liable for damages in excess of the purchase price of the product* n*or for incidental or consequential damages.*
All specifications are subject to change without prior notice.