

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

JT 5829 SPB

Technical data Sheet

3 year monomeric calendered vinyl

PRODUCT DESCRIPTION

FACE MATERIAL : 100 μ , white gloss, monomeric plasticized, calendered PVC film.

ADHESIVE : Semi-Permanent black opaque acrylic.

LINER : Coated Kraft liner 120 gsm backprinted MACtac/IMAGin + JT5829SPB

TYPICAL USES

Especially designed for short to medium term **OUTDOOR MOBILE ADVERTISING** applications on flat or slightly curved surfaces.

The ideal product for advertising on Urban Public Transport platforms such as, single and double-deck busses, taxis, trams and Rail.

PRINTING

Designed for solvent based, eco-solvent or mild solvent, Latex or 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.mactacdigital.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 24h on glass	6.5 \pm 2 N/25 mm 7 \pm 2.5 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 applied on Alu panels	MACtac internal test method
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 \pm 50 % relative humidity (in the original packaging).

DURABILITY

The outdoor durability of the unprinted film is 3 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 digital media, 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. It is recommended to use increased cold airflow drying to speed up the drying process.

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: either IMAGin LF3800 series, LUV3800 series or PG7200 series. MACtac denies responsibility for product failure if non-MACtac laminating films are used for the application.

□ Transportation conditions

To allow easy transportation, JT 5829 SPB can be rolled up, with the image on the outside, with a minimum diameter of 15 cm (for example on a 6 inch 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 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.