

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

JT 5817 P

Technical Data Sheet

Promotional see-Thru film for static applications on glass surfaces.

PRODUCT DESCRIPTION

White PVC face film, black reverse coating with approximately 45 % of material perforated to achieve one way visibility.

FACE MATERIAL : Perforated 160 μ soft vinyl film.

ADHESIVE : Semi-Permanent clear acrylic.

LINER : Solid white 140 gsm PE coat liner.

Product :

1. White PVC	1	5	1
2. Black coating	2		2
3. Adhesive	3		3
4. Plain Liner			

5 = Perforated part

Perforation size : 1.6 mm hole diameter.

TYPICAL USES

External applications

Window graphics onto flat glass surfaces showing advertising on one side and allowing for « see through » view on the other side.

Internal applications

Thanks to one way visibility, JT 5817 P can be used for surveillance purposes in shops, department stores, stocks, etc...

PRINTING

Designed for solvent based inkjet printing on most wide-format printing equipment such as :
JT 5817 P is also screen printable.

SHELF LIFE

1 year when stored at 15 to 25°C and \pm 50 % relative humidity (in the original packaging).

DURABILITY

JT 5817P is a 1 year film. However, the actual durability of the printed graphics is dependent on the inks and the overlaminates used. Some adverse reactions can occur when applying JT 5817P to certain substrates, such as acrylics, polycarbonate, polystyrene, plasticized PVC or certain paints. These reactions could have a negative effect on the adhesion performance. These use-life estimates are based upon accelerated ageing studies and outdoor exposure, under conditions experienced in vertical exposure and in « normal » temperate climates.

PHYSICAL PROPERTIES OF THE UNPRINTED FILM

	<u>Average values</u>	<u>Test method</u>
Adhesive Data, 23°C Quick Tack on glass Peel 24 hours on glass	8.0 ± 2.0 N/25 mm 6.5 ± 2,0 N/25 mm	FTM 9 FTM 1
Dimensional stability shrinkage : 48 hours at 70°C (applied on aluminium)	max 0.2 mm	FTM 14
Temperature ranges Minimum application temperature : Service temperature range :	+ 10°C - 15°C to + 60°C	

RECOMMENDATIONS

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

□ 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 optical clear protective films

IMAGin LF 3697 (highly conformable) or PG 7036 (for flat surfaces only).

If the film is used outdoors in mobile advertising applications, it is recommended to use an overlap of the overlaminates of about 2 cms on all sides, or to seal of the sides with a silicon sealant to protect the printed decal from water infiltration.

□ 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.

□ Application

The « dry » method is recommended. The « wet » application method is not recommended due to the fact that the moisture will become trapped between the perforations and the overlaminates therefore affecting the « see through » visibility.

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.