

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

JT 5837 P

Technical Data Sheet

Promotional perforated window graphics film for applications on glass surfaces.

PRODUCT DESCRIPTION

White PVC face film, black reverse coating with 30% of material perforated to achieve one way visibility.

FACE MATERIAL : Perforated 150 5 soft vinyl film
ADHESIVE : Semi-Permanent clear acrylic.
LINER : Solid white 135 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 : 1.5 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 5837 P can be used for surveillance purposes in shops, department stores, stocks, etc...

PRINTING

Designed for solvent, eco-solvent or mild solvent based inkjet printing on most wide-format printing equipment.

JT 5837 P is also screen printable.

SHELF LIFE

1 year 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 1 year. This information is based on successful real life experience and artificial aging according to ISO4892-3.

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".

PHYSICAL PROPERTIES OF THE UNPRINTED FILM

	Average values	Test method
<u>Adhesive Data, 23°C</u> Quick Tack on glass Peel 24 hours on glass	N/25 mm N/25 mm	FTM 9 FTM 1
<u>Dimensional stability</u> shrinkage : 48 hours at 70°C (applied on aluminium)	max 0.2 mm	FTM 14
<u>Temperature ranges</u> 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 PG/LUV 7036 (for flat surfaces only).

If the film is used outdoors in mobile advertising applications, it is recommended to use an overlap of the overlamine 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 overlamine therefore affecting the « see through » visibility.

Some adverse reactions can occur when applying JT 5837P to certain substrates, such as acrylics, polycarbonate, polystyrene, plasticized PVC or certain paints. These reactions could have a negative effect on the adhesion performance.