

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

## JT 5817 PUV

## Technical Data Sheet

Promotional see-Thru film for static applications on glass surfaces, **especially designed for UV inkjet printing.**

### PRODUCT DESCRIPTION

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

FACE MATERIAL : Perforated 180  $\mu$  soft vinyl film.

ADHESIVE : Semi-Permanent clear acrylic.

LINER : White siliconized base paper 105 gsm, punched and laminated with a 25g OPP film on the backside .

**Product :**

1 White PVC film	1		1
2 Black coating	2		2
3 Adhesive	3		3
4 Liner	4		4
5 OPP film layer			

**1+2+3+4 = 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 PUV can be used for surveillance purposes in shops, department stores, stocks, etc...

### PRINTING

Designed for UV inkjet printing on most wide-format printing equipment, but also printable with solvent based, eco-solvent, mild solvent inks .

### SHELF LIFE

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

### DURABILITY

JT 5817 PUV 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 5817PUV 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>
<b>Adhesive Data, 23°C</b> Quick Tack on glass Peel 24 hours on glass	8.5 ±2.5 N/25 mm 9.0 ± 3.0 N/25 mm	FTM 9 FTM 1
<b>Dimensional stability</b> shrinkage : 48 hours at 70°C (applied on aluminium)	max 0.5mm	FTM 14
<b>Temperature ranges</b> 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 IMAGin LUV 7036 optical clear protective film.

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 moisture will become trapped between the perforations and the overlamine therefore affecting the « see through » visibility.

### **IMPORTANT NOTICE**

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