

## Technical Data Sheet

# ET 4929 PO

*IMAGin : Self-adhesive products especially designed for full-colour short-run digital printing.*

### PRODUCT DESCRIPTION

ET 4929 PO is a self-adhesive white gloss stabilized vinyl film of 70 µ. It is coated with a permanent, high performance acrylic adhesive of high opacity. The product is protected with a white PE coated siliconized paper liner.

### TYPICAL USES

ET 4929 PO is designed for the heat transfer of electrostatic prints (printed in reverse). It is suitable for indoor and outdoor applications to flat or slightly curved surfaces.

### PHYSICAL PROPERTIES

	<u>Average values</u>	<u>Test method</u>
<b><u>Adhesive Data, 20°C</u></b>		
Quick Tack on stainless steel	15	FTM 9
Peel adhesion 180° on stainless steel (N/25 mm)		
- 20 minutes residence	14	FTM 1
- 24 hours residence	17	FTM 1
<b><u>Dimensional stability</u></b>		
% shrinkage (48 hours at 60°C)	< 0.2	25 cm x 25 cm sample mounted on aluminium
<b><u>Flammability</u></b>		
	self-extinguishing	sample mounted on aluminium
<b><u>Recommended temperature ranges</u></b>		
- Heat transfer on ET 4929 PO	140°C	
- Application :	+ 10°C	
- End-use :	- 20°C to + 60°C	

*N.B. : for temperatures outside those quoted above, please consult with MACtac.*

## **SHELF LIFE**

1 year when stored at 15 to 25°C and ± 50 % relative humidity.

## **CHEMICAL RESISTANCE**

Resistant to short periods of immersion in water and short contact with detergents, alcohol and some aliphatic solvents.

Not recommended for use in contact with ketones, esters, aromatic and chlorinated hydrocarbons.

*For further technical advice, please consult with MACtac.*

## **DURABILITY**

The durability is mainly based upon the life expectancy of the toners used (please refer to the toner manufacturer for technical advice).

In order to increase this durability, it is recommended to laminate the prints with PERMAGARD or IMAGin series LF 3900 and protect the sides of the laminates with varnish or silicone in order to avoid water infiltration.

**ET 4929 PO** (unprinted) can be used outdoors for a period of 5 to 7 years.

*For further advice, please consult with MACtac.*

## **RECOMMENDATIONS**

- For details on heat and pressure transfer of electrostatic prints, methods and laminator settings, please contact your paper and machine supplier.
- For the heat transfer process, it is strongly advised to turn off the heat to the bottom cylinder of the laminator in order to avoid traces of the siliconized PE liner transferring onto the cylinder.
- **ET 4929 PO** can be rolled up to allow an easy transport but with a diameter above 7 cm with the image facing outwards).

### **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.*