

## Printvinyl 829P BP/828P BP

## Technical Data Sheet

2 year monomeric calendered vinyl

### PRODUCT DESCRIPTION

FACE MATERIAL :	100 $\mu$ White Gloss or White Matt soft calendered PVC film.
ADHESIVE :	Permanent clear acrylic.
LINER :	Coated Kraft liner 120 gsm.

### TYPICAL USES - PRINTING

All-round, general purpose, pressure sensitive vinyl film for inkjet printing.

Designed for the most commonly used large and extra-large digital printing equipment on the Market.

Short to medium term indoor and outdoor advertising and promotion on flat or slightly curved surfaces.

### PHYSICAL PROPERTIES OF THE UNPRINTED FILM

	<u>Average values</u>	<u>Test method</u>
<u>Adhesive Data, 23°C</u> Quick Tack on glass Peel 24 hours on glass	11,5 $\pm$ 4 N/25mm 14,0 $\pm$ 4 N/25mm	FTM 9 FTM 1
<u>Dimensional stability</u> shrinkage : 48 hours at 70°C (applied on aluminium)	max 1.0 mm	FTM 14
<u>Temperature ranges</u> Minimum application temperature : Service temperature range :	+10°C - 20°C to + 70°C	
<u>Flamability</u>	Self-extinguishing	Mactac Test Method

### SHELF LIFE

2 years when stored at 15 to 25°C and  $\pm$  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 2 years. 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".

**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.*

