

## Technical Data Sheet

# PERMAGARD 7034

### PERMACOLOR

The PERMACOLOR system is a series of pressure-sensitive products used for mounting and protecting in the photographic and graphic industries. Pressure-sensitive PERMACOLOR provides fast, efficient processing through roll lamination techniques without the need for heat or drying.

### PRODUCT DESCRIPTION

#### **PERMAGARD 7034**

- is a 30 µ gloss polypropylene film coated on one side with a clear solvent acrylic pressure-sensitive adhesive. The adhesive is protected by a clear polyester release liner that provides complete visual inspection of the product, easy liner removal and a distortion-free adhesive surface.
- is designed for the overlamination and protection of photographic images, transparencies, maps, planning charts, etc... Suitable for indoor applications.  
Dry-wiping is possible, provided the appropriate marker pens are used.
- does not influence the pH level of substrate to which it is applied.

### PHYSICAL PROPERTIES

	<u>Average values</u>	<u>Test method</u>
<b><u>Adhesive</u></b>		
Quick Tack on glass (N/25 mm)	15	FTM 9
Peel 180° on glass (N/25 mm)		
- after 20 minutes	7	FTM 1 (ASTM D 903-49)
- after 24 hours	8	FTM 1 (ASTM D 903-49)
Shear on glass (hours) 1kg – 25mm X 25mm	1000	FTM 8
<b><u>Release liner</u></b>		
Transparent polyester 36µ (gr/m <sup>2</sup> )	50	ISO 536
<b><u>Thickness</u></b>		
Film + adhesive (µ)	55	ISO 534 (ASTM D 645)

### HEAT RESISTANCE

Application temperature range : + 5°C to + 40°C  
End-use temperature range : - 30°C to + 80°C

*For temperatures outside those quoted above, please consult MACTac.*

## **CHEMICAL RESISTANCE**

Resistant to water and detergents.

Also resistant to most diluted acids and alkalis.

Not affected by short contact with most of aliphatic hydrocarbons and alcohol.

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

*For further technical advice, please consult MACtac.*

## **SHELF LIFE**

2 years when stored at 15 to 25°C and ± 50 % relative humidity.

## **EXPECTED DURABILITY**

The expected vertical indoor 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 ISO 4892-2.

Product is not suitable for outdoor use.

## **RECOMMENDATION**

Due to the increasing number of new printing methods appearing on the market, it is important for the Converter to satisfy himself about the suitability of the PERMAGARD film for the application to the printed image.

### **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.*