

## PG 7034

### PRODUCT DESCRIPTION

Optically clear, high gloss polypropylene self-adhesive laminating film for whiteboard applications.

**Face Material:** 30 µm high gloss polyester

**Adhesive:** Solvent acrylic permanent transparent

**Liner:** Polyester 36 g/sqm

### TYPICAL USE

Laminating film especially designed for short term indoor applications on flat surfaces in order to:

- provides an optically clear, high gloss finish
- provides protection against permanent damages and abrasion
- provides dry-wiping properties when used with appropriate whiteboard marker pens
- retard colour fade and protect printing media against UV radiation
- enhance colours of the prints

### PROCESSING

Specifically designed for media printed with solvent, eco-solvent & latex inks.

For specific settings of the laminator, please consult the technical manual that comes with the laminator from the original supplier.

The printed media should be perfectly dry prior to lamination and be left to dry for at least 24h.

Dry wiping the surface of PG 7034 within the first 48 hours is required after use with specific whiteboard markers. The surface may be cleaned with isopropanol or soft alcohols.

To ensure application suitability, always test the proposed construction under actual application and end-use conditions before going into full production.

Mactac Laminating media must be applied following the instructions in TB 4.1 "Guidelines on handling, converting and applying Mactac Digital media", available from the resource section at [www.mactacgraphics.eu](http://www.mactacgraphics.eu).

### SHELF LIFE

2 years when stored at 15 to 25°C and ± 5

### PHYSICAL PROPERTIES (TYPICAL VALUES)

Average Values Test Method

Thickness		
Face (microns)	30 µm	ISO 534
Adhesive data, 23°C (N/25 mm)		
Peel adhesion 180° on stainless steel		
- Quick tack	15	FTM9
- 24 hour residence	8	FTM1
Dimensional stability		
Shrinkage (48 hours at 70°C applied on Aluminium)	Max. 0.2 mm	FTM14
Temperature ranges		
Minimum application temperature (°C)	+ 5°C	
Service temperature range (°C)	- 30°C to + 80°C	
Solvent and 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.		

### EXPECTED DURABILITY

#### Central Europe Zone 1

Processed (indoor)*	Up to 2 years	ISO 4892-2
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\*For more information, refer to "TB 7.5 Outdoor Durability of Mactac Graphics - Self-adhesive films".

Note : Overlamination of the inkjet-printed material delays the eventual colour fading that may occur over time. This colour fading is dependent on the quality of the inkjet inks, the orientation of the printed material, the angle of display and the exact geographical location of exposure.

Exposure to severe temperatures, ultraviolet light, and/or conditions in Southern European countries, tropical, sub-tropical or desert regions will cause more rapid deterioration. This also applies to polluted areas, high altitudes and south-facing exposure.

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