



DATA SHEET DIGITAL PRINTING COLD LAMINATE PERMANENT ADHESION PG836

Clear 36-micron polyester film coated with a pressure sensitive acrylic adhesive. For cold lamination of microperforated films on flat 2D-surfaces. May be used as an anti-graffiti protection. Gloss surface finish.

CHARACTERISTICS OF THE FILM:

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	36	
• Tensile strength (N/25mm):	> 100	HEXNFX4102I
• Dimensional stability after 168 hours at 70 °C (mm):	< 0.2	HEXRET00I

LINER:

- Clear siliconed 36µm PET liner.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

(Average values measured at the time of the issue of this data sheet)

	<u>Average values</u>	<u>Standard</u>
• Peel 180° on glass (N/25mm): 20 minutes after application	15	HEXFTM00I
24 hours after application	15	
• Initial tack (N/25mm):	23	HEXFTM009
• Resistance to solvents: the adhesive is resistant to most chemical agents (alcohol, diluted acids, oils).		

ADHESIVE:

- Acrylic solvent based adhesive.
- Immediate and permanent adhesion.

RECOMMENDATIONS:

- Protection of microperforated films for solvent and aqueous inkjet.
- Before applying the PG836, check to ensure that the substrate is completely dry. The drying time of microperforated printing films (Micro I, Micro2...) is 24 hours at least.
- During lamination check that the tension of both the microperforated film and the laminate are the same.
- Dry application only.
- If applied outdoors an overlap of 2 cm (1 in) is recommended.
- Minimum application temperature: +10 °C (50 °F).
- Usage temperature range of the film: -10 °C to +90 °C (14 °F to 194 °F).
- The film may be cleaned with a non-abrasive sponge or a soft cloth and acetone, alcohol, soapy water or HEX'AG.
- During installation use only squeegees without felt.
- In the case of painted substrates, apply only on the undamaged original paint. If the paint is damaged and/or not the original paint, the application and the removal at the installer's risk.

STORAGE:

- Shelf life (before application):
2 years if stored vertically at a temperature between 15 °C and 25 °C (59 °F...77 °F) at 50 % relative humidity in its original packing in a dust-free environment.

DURABILITY: (Central Europe on flat surfaces)

- Vertical outdoor exposure:
Film without graffiti, before any cleaning with solvents: 3 years.
Cleaned film: depending on cleaning method and frequency.

NOTE:

Because of the great variety of substrates and possible application methods the installer must examine the suitability of the media for each application. The methods of measuring for the standards quoted above are the basis for the development of our own measuring methods which are available on request (partial application). You are invited to enquire for the latest instructions in force.

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