PG836


CLEAR

PRODUCT DESCRIPTION:

Film composed of a 36-µm, very transparent polyester, which is coated with a pressure-sensitive acrylic adhesive. For cold laminating microperforated films on 2D flat surfaces. Can also serve as anti-graffiti protection. Glossy surface finish.

FILM FEATURES:

· Thickness	(Indicative value) 36 µm	
· Tensile strength	(Average values) > 100 N/25 mm	Method HEXNFX41021
· Shrinkage 168 hours at 70 °C (158 °F)	(Average values) < 0.2 mm	Method HEXRET001

LINER:

- 75-µm, unprinted, silicone-coated PET liner.
- Stable under hygrometric variations

ADHESIVE PROPERTIES:

(Measured average values at publication of the technical data sheet)

- Peel strength test at 180°; Measurement support glass

after 20 minutes of application	(Average values) 16 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 18 N/25 mm	Method HEXFTM001
· Initial tack	(Average values) 21 N/25 mm	Method HEXFTM009
· Release	(Average values) 0.1 N/25 mm	Method HEXFTM003

- The adhesive is resistant to most chemicals (alcohol, diluted acids, oils).

ADHESIVE:

- Solvent-based acrylic adhesive.
- Immediate and permanent adhesion.

USER'S INSTRUCTIONS:

- Dry application method
- Recommended minimum application temperature: +10 °C (+50 °F)
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F)

- Protection of solvent and aqueous inkjet printed microperforated films.
- When using the PGR836 film, check that the surface is dry. The drying time of a microperforated film (MICRO1, Micro2 etc.) is 24 hours minimum.
- During the lamination, make sure that the tensions of each microperforated film and laminate are the same.
- For an outdoor application, an extra margin of 2 cm (0.79 in.) is preferable.
- The film can be cleaned with a non-abrasive sponge or a soft cloth and acetone, alcohol, soapy water or HEX'AG.
- Only use non-felted squeegees during application.
- In the case of an already painted substrate, self-adhesive media must only be applied to undamaged original paintwork. If the paintwork is not original and/or damaged, the application and the removal are at the judgement and risk of the installer.»

FTP.IMN.050.H 09.24

STORAGE:

Storage period before use
2 years

Storage temperature
+15 °C to +25 °C (+59 °F to +77 °F)

Relative humidity during storage
with relative humidity of 50 %

Storage area
in a dust-free environment

Storage method before use
in its original packaging

Orientation of rolls before use
vertically

DURABILITY: (Central European climate)

- **Vertical exposure on flat surfaces:**
  Graffiti-free, not cleaned using solvents:
  Outdoors: 3 years.
  Indoors: 8 years.
- **Cleaned film: dependent on the method and frequency of the cleaning.**

To find the indicative durabilities of the films for any other exposure and geographical area, please refer to the «Conversion rules for indicative durabilities according to geographical area» chart available under Durability, on the «Professionals» pages on our site www.hexis-graphics.com.

NOTES:

Due to the great variety of substrates and the growing number of new applications, the installer must check the suitability of the medium for each application. The measuring methods for the standards quoted above served as the basis for the development of our own measuring methods, which are available on request. Please feel free to contact us to get the latest instructions in use. All of the published information is based on measurements regularly performed in the laboratory. The published information does not however constitute a binding guarantee. The seller cannot be held liable for indirectly related damages and assumes no liability for claims that are higher than the replacement value of the purchased product. All specifications are subject to potential changes without prior notice. Our specifications are automatically updated on our website www.hexis-graphics.com.

FTP.IMN.050.H 09.24