AGCR436M

TRANSPARENT

PRODUCT DESCRIPTION:

Film composed of a 30-µm polyester, which is coated with a pressure-sensitive, acrylic adhesive. Matt surface finish for cold-laminating. Particularly suitable for laminating UV inkjet printing.

FILM FEATURES:

· Thickness	(Indicative value) 30 µm	
· Tensile strength	(Average values) min. 70 N/25 mm	Method HEXNFX41021
· Shrinkage 168 hours at 70 °C (158 °F)	(Average values) < 0.2 mm	Method HEXRET001

LINER:

- Silicone-coated Kraft paper 87 g/m² with grey HEXIS print.
- 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) 15 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 16 N/25 mm	Method HEXFTM001
· Initial tack	(Average values) 24 N/25 mm	Method HEXFTM009
· Release	(Average values) 0.2 N/25 mm	Method HEXFTM003

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

ADHESIVE:

- Solvent-based acrylic adhesive (non-repositionable adhesive).
- Immediate and permanent adhesion; suitable for wet application.

USER'S INSTRUCTIONS:

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

- Prior to any application of the film to a substrate prone to degassing, it is the responsibility of the prescriber and applicator to verify the compatibility between film/complex/substrate, to carry out an optimal substrate degassing (synthetic glass such as PMMA, polycarbonate, acrylic, etc.) and to ensure optimal drying time for the inks or paintworks. The applicator is liable for any appearance of bubbles due to substrate degassing.
- 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.
- The film can be cleaned using non-abrasive accessories, with acetone, alcohol or HEX'AG.
- Due to the matt surface finish of the film, graffiti removal requires an adapted cleaning, which can be slightly longer / more vigorous than that of an anti-graffiti film with a glossy surface finish (like AGR700 or AG800).
- The matt surface finish of this film will reduce the intensity of the bright colours of the underlying substrate.
- Particularly suitable for cold laminating UV inkjet prints.

Although the ink is solid immediately after printing, the polymerisation and reticulation time of the inks is 24 hours (variable depending upon the printer used and the quantity of ink applied). Please comply with this minimum waiting time before laminating the UV inkjet-printed film.

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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 outdoor exposure:**
  - Only the film, without graffiti, not cleaned using solvents: 3 years.
  - Cleaned film: dependent on the method and frequency of the cleaning.
- **The durability of the laminated print depends on the printing technology used and the inks used. Consult the ink manufacturer.**

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.

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