



TECHNICAL DATA SHEET - DIGITAL PRINTING - ANTI-GRAFFITI - PERMANENT ADHESIVE

AGCR436M

Film composed of a 30- μ m 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:

	<u>Indicative value</u>	
• Thickness (μ m):	30	
	<u>Average values</u>	<u>Standard</u>
• Tensile strength (N/25 mm):	min. 70	HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.2	HEXRET001

LINER:

- Silicone-coated paper 87 g/m² with grey HEXIS print.
- Stable under hygrometric variations.

ADHESIVE PROPERTIES:

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

	<u>Average values</u>	<u>Standard</u>
• Peel strength test 180° on glass (N/25 mm):		HEXFTM001
after 20 minutes of application	15	
after 24 hours of application	16	
• Initial tack (N/25 mm):	24	HEXFTM009
• Release (N/25 mm):	0.2	HEXFTM003
• Resistance to solvents: the adhesive is resistant to most chemicals (alcohol, diluted acids, oils, ketones).		

ADHESIVE:

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

USER'S INSTRUCTIONS:

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

STORAGE:

- Shelf life (before use):
The shelf life of this film is 2 years when stored upright in its original packaging in a dust-free environment at a temperature ranging from +15 °C and +25 °C (+59 °F to +77 °F) with relative humidity of 50 %.

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 printing 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 the published information is based on measurements regularly performed in the laboratory. It 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.