



TECHNICAL DATA SHEET - DIGITAL PRINTING - ANTI-GRAFFITI - PERMANENT ADHESIVE AGCR 700

Film composed of a 36- μ m polyester, which is coated with a pressure-sensitive, acrylic adhesive. Glossy surface finish; intended for cold laminating. Particularly suitable for laminating UV inkjet printing.

FILM FEATURES:

	<u>Indicative value</u>	
• Thickness (μ m):	36	
	<u>Average values</u>	<u>Standard</u>
• Tensile strength (N/25 mm):	> 100	HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.2	HEXRET001
• Surface roughness (μ m):	< 5*	HEXRUG001

* A surface roughness of less than 10 μ m indicates a potentially hazardous floor in wet conditions. Do not apply to floors.

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):		HEXFMTM001
after 20 minutes of application	16	
after 24 hours of application	17	
• Initial tack (N/25 mm):	22	HEXFMTM009
• Release (N/25 mm):	0.1	HEXFMTM003
• 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.

USER'S INSTRUCTIONS:

- Recommended minimum application temperature: +10 °C (+50 °F).
- Operating temperature range: -40 °C à +90 °C (-40 °F to +194 °F).
- The film can be cleaned with a non-abrasive sponge or a soft cloth and acetone, alcohol, soapy water or HEX'AG.
- 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.

- 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.

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 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.