



TECHNICAL DATA SHEET - DIGITAL PRINTING - MICRO-PERFORATED PVC FILM MICROCGUV

Film composed of a 150- μ m, micro-perforated, glossy, transparent, monomeric PVC, which is coated with a removable, pressure-sensitive acrylic adhesive. Intended for indoor use (shop windows or flat vehicle windows such as side windows of buses, etc.). Printable with UV inks.

FILM FEATURES:

	<u>Indicative values</u>	
• Thickness (μ m):	150	
• Total thickness of the product (μ m):	350	
• Micro-perforation (%):	40	
	<u>Average values</u>	<u>Standard</u>
• Weight (g/m^2):	280	HEXGSM001
• Shrinkage 168 hours at 70 °C (158 °F) (mm):	< 0.4	HEXRET001

GENERAL PRINTER COMPATIBILITES:

	UV
MICROCGUV	✓

LINER:

- Perforated, silicone-coated paper + non-perforated PET of 200 μ m.

ADHESIVE PROPERTIES:

	<u>Average values</u>	<u>Standard</u>
• Peel strength test 180° on glass (N/25 mm):		HEXFMTM001
after 20 minutes of application	6	
after 24 hours of application	7	
• Initial tack (N/25 mm):	5	HEXFMTM009

ADHESIVE:

- Colourless acrylic adhesive.
- Immediate adhesion; removable adhesive.
- Highly solvent-resistant.

USER'S INSTRUCTIONS:

- Print the graphic in mirror mode on the non adhesive-coated side.
- Then overprint a white flat background (to increase the contrast of the graphic on the adhesive-coated side, followed by a black one (to ensure a better visibility towards the outside).
- Apply indoors to untreated mineral glass. Not to be immersed in water.
- Prior to application, clean the substrate with solvent- and ammonia-free detergents only.
- Apply the film using the dry application method to a clean and dry surface.
- Leave a 1-mm space between the sealings and the edge of the MICROCGUV film. Never apply the film directly to the window sealings.
- Application temperature: +10 °C to +30 °C (+50 °F to +86 °F).
- Operating temperature range: -17 °C to +50 °C (+1 °F to +122 °F).
- It is possible to peel the film off of the substrate. Remove residual adhesive if necessary.

Caution: This micro-perforated film cannot be used on emergency exits of public transport vehicles (*Annex 5 of the Geneva Regulation R43 or the 92/22/CEE directive*). The customer is strongly advised to contact the competent local authorities who will validate the conformity of the vehicle with the road traffic regulations in effect.

OPERATING RECOMMENDATIONS:

- For more information on the application method of the MICROCGUV film, please refer to its Application Guide on the "Professionals" pages, category "Digital printing media" on our website www.hexis-graphics.com.

STORAGE:

- Shelf life (before application):

The shelf life of this film is 1 year when stored upright in its original packaging in a dust-free environment at a temperature ranging from +15 °C to +20 °C (+59 °F to +68 °F) with relative humidity between 45 % and 65 %.

DURABILITY: (Central European climate)

- Vertical exposure: 1 year.
- Removability: up to 6 months without significant traces of adhesive.

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.