HX201WG2



PRODUCT DESCRIPTION:

This film is composed of 70-µm, calendered, polymeric PVC, which is coated with a pressure-sensitive acrylic adhesive. Micro-structured adhesive for faster application and air evacuation. For solvent, eco-solvent, latex and UV inkjet printing. Glossy surface finish.

FILM FEATURES:

• Thickness	(Indicative value) **70 µm**	
• Total thickness	(Indicative value) **250 µm**	
• Total weight	(Average values) **275 g/m²**	Method **HEXGSM001**
• Tensile strength	(Average values) **min. 35 N/25 mm**	Method **HEXNFX41021**
• Elongation at break	(Average values) **min. 100 %**	Method **HEXNFX41021**
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) **< 0.4 mm**	Method **HEXRET001**

LINER:

- Silicone-coated and embossed PE paper 145 g/m² with light 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) **13 N/25 mm**	Method **HEXFTM001**
after 24 hours of application	(Average values) **15 N/25 mm**	Method **HEXFTM001**
• Initial tack	(Average values) **16 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.
- Structured adhesive for faster application and air evacuation.
- Immediate and permanent adhesion, optimal after 24 hours of contact.

PRINTING GUIDE:

- Touch-dry after less than 10 minutes depending on the printer used.
- Optimal drying time for the inks before laminating or further processing is 24 hours minimum.

USER'S INSTRUCTIONS:

- Dry application method

It is mandatory to use the so-called «dry» application method with this film, due to its HEX'PRESS *liner. This technology means you can easily reposition the film on the substrate during application, while not excluding the squeegeeing step for optimal adhesion of the film to the substrate.*

USER'S INSTRUCTIONS:

- Recommended minimum application temperature : +10 °C (+50 °F)
- Operating temperature range : -40 °C to +90 °C (-40 °F to +194 °F)
- Adhesion to glass, steel, aluminium, PVC, melamine, etc. except for granular substrates or substrates coated with acrylic paint.
- In the case of painted substrates, 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.

OPERATING RECOMMENDATIONS:

- The colour of the films is controlled by HEXIS in order to ensure faithful reproduction of their colour tints. Nevertheless, in the case that your project requires the use of several rolls, HEXIS recommend using only a single batch number of each reference.
- The surface finish of your printings may be modified/improved/protected by applying the appropriate laminate: V750 or PC500. For UV printings, use the protective VCR750 laminate.
- For more information on the application method of HX201WG2, please refer to its Application Guide available under the «Professionals» heading, in the «Digital printing media" category on our website www.hexis-graphics.com.

STORAGE:

Storage period before use
1 year

Relative humidity during storage
with relative humidity between 30 % and 70 %

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

Storage method before use
in its unopened original packaging

DURABILITY: (CENTRAL EUROPEAN CLIMATE)

- Vertical outdoor exposure:
  Blank: 8 years.
  Printed and laminated:
  - PC500: 5 years,
  - V750: 4 years,
  - VCR750: 3 years.
  Printed: 2 years.

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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