HX3100WG2

WHITE · SOLV · ÉCO-S · LATEX · UV

PRODUCT DESCRIPTION:

Film composed of 100-µm calendered, monomeric PVC, which is coated with a black, removable, pressure-sensitive acrylic adhesive. Structured adhesive for faster application and air evacuation. Usable for solvent, eco-solvent, latex and UV inkjet printing. It has a glossy surface finish.

FILM FEATURES:

• Thickness	(Indicative value) 100 µm	
• Total thickness	(Indicative value) 285 µm	
• Total weight	(Average values) 305 g/m²	Method HEXGSM001
• Tensile strength	(Average values) min. 40 N/25 mm	Method HEXNFX41021
• Elongation at break	(Average values) min. 100 %	Method HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) < 0.8 mm	Method HEXRET001

LINER:

- Silicone-coated and embossed PE paper 145 g/m² with light blue 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) 10 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 10 N/25 mm	Method HEXFTM001
• Initial tack	(Average values) 12 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:

- Black, solvent-based acrylic adhesive.
- Structured adhesive for dry application «only» and faster air evacuation.
- Immediate adhesion; removable adhesive.

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.
- Do not leave the media on the printer while stopped.

Extended contact (over 6 hours) without use may cause the media to buckle while cooling.

USER'S INSTRUCTIONS:

- Dry application method

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USER'S INSTRUCTIONS:

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.*

- **Recommended minimum application temperature: +10 °C (+50 °F)**
- **Operating temperature range: -20 °C to +60 °C (-4 °F to +140 °F)**
- **Very good adhesion to glass, steel, aluminium, PVC, melamine, etc. except for granular substrates or substrates coated with acrylic paint.**

When applied to laminated monomeric or polymeric PVC films, the removable adhesives can become semi-permanent. The duration of application and the type of exposure may accelerate this phenomenon.

- **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 surface finish of the prints may be modified/improved/protected by applying the appropriate laminate: V700 or V650. For UV prints, use the protective VCR650 laminate.**

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 on flat surfaces:**
  Blank unprinted: 6 months depending on the substrate without significant traces of adhesive.
  Printed and laminated: 12 months (if the print edges are sealed by a sealing varnish).
  Printed: 3 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 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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