V3100WG



PRODUCT DESCRIPTION:

Printable film composed of a 100-µm calendered, monomeric PVC, which is coated with a black, removable, pressure-sensitive acrylic adhesive. For solvent, eco-solvent, latex and UV inkjet printing. Glossy surface finish.

FILM FEATURES:

· Thickness	(Indicative value) 100 µm	
· Total thickness	(Indicative value) 270 µm	
· Total weight	(Average values) 300 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) < 0.4 mm	Method HEXRET001

LINER:

- Silicone-coated Kraft paper 137 g/m² with light blue HEXIS print.
- Stable under hygrometric variations

ADHESIVE PROPERTIES:

- Peel strength test at 180°; Measurement support glass

after 20 minutes of application	(Average values) 9 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 11 N/25 mm	Method HEXFTM001
· Initial tack	(Average values) 8 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.
- Immediate adhesion; removable adhesive.

PRINTING GUIDE:

- Touch-dry after less than 10 minutes depending on 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:

- 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 grain substrates or substrates coated with acrylic paint.

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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 an already painted substrate, apply to undamaged original paintwork only. 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 your printings may be modified/improved/protected by applying the appropriate laminate: V700 or V650. For UV printings, use the protective VCR650 laminate.**

STORAGE:

Storage period before use
1 year

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

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

Storage method before use
in its unopened original packaging

DURABILITY: Central European climate

- **Vertical outdoor exposure on flat surfaces:**
  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.