HXR101WG2



SOLV ÉCO-S LATEX UV

PRODUCT DESCRIPTION:

Printable film composed of a 50-µm, cast PVC, which is coated with a pressure-sensitive acrylic adhesive, suitable for adhesion to low energy surfaces. 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) 50 µm	
• Total thickness	(Indicative value) 230 µm	
• Total weight	(Average values) 260 g/m²	Method HEXGSM001
• Tensile strength	(Average values) min. 20 N/25 mm	Method HEXNFX41021
• Elongation at break	(Average values) min. 70 %	Method HEXNFX41021
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) < 0.4 mm	Method HEXRET001

LINER:

- Embossed and silicone-coated PE paper of 145 g/m² that features a light grey «THE CAST by HEXIS» print or a light red “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) 20 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 22 N/25 mm	Method HEXFTM001
• Initial tack	(Average values) 21 N/25 mm	Method HEXFTM009
• Peel strength test 180°; Measurement support polypropylène		
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) 7 N/25 mm	Method HEXFTM009
• Release	(Average values) 0.5 N/25 mm	Method HEXFTM003

- The adhesive is resistant to most chemicals (alcohol, diluted acids, oils).

ADHESIVE:

- Solvent-based acrylic adhesive.
- Special low-energy surface adhesive (polypropylene, polyethylene, etc.).
- Structured adhesive for faster application and air evacuation.
- Immediate and permanent adhesion, optimal after 24 hours of contact.

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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 48 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.*

- Recommended minimum application temperature: +10 °C (+50 °F) acceptable down to -1 °C (+30 °F).
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F)

- Conformable product, particularly suitable for vehicles.
- Very good adhesion to glass, steel, aluminium, PVC, melamine, etc. except grain substrates or substrates coated with acrylic paint.
- 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.

OPERATING RECOMMENDATIONS:

- The surface finish of your printings may be modified/improved/protected by applying the appropriate laminate: PC500, PC190 or PC30.

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:
  Unprinted: 10 years,
  printed and laminated:
  - PC500: 5 years.
  - PC30 and PC190: 4 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.

CERTIFICATION:

Fire-smoke classification



Fire-smoke classification standard
EN 13501-1

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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