VCSR101WG1



SOLV ÉCO-S LATEX UV

PRODUCT DESCRIPTION:

Printable film composed of a 50-µm cast PVC, which is coated with a pressure-sensitive, super-reinforced acrylic adhesive. Due to its super-reinforced adhesive, this product is particularly recommended for application to irregular surfaces, such as bricks, concrete, chipboard, etc. or low-energy surfaces (polyethylene, polypropylene, etc.). For solvent, eco-solvent, latex and UV inkjet printing. Glossy surface finish.

FILM FEATURES:

· Thickness	(Indicative value) 50 µm	
· Total thickness	(Indicative value) 250 µm	
· Total weight	(Average values) 265 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:

- Silicone-coated 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) 20 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 22 N/25 mm	Method HEXFTM001
· Initial tack	(Average values) 23 N/25 mm	Method HEXFTM009
· Peel strength test 180°; Measurement support polypropylène		
after 20 minutes of application	(Average values) 12 N/25 mm	Method HEXFTM001
after 24 hours of application	(Average values) 16 N/25 mm	Method HEXFTM001
· Initial tack	(Average values) 12 N/25 mm	Method HEXFTM009
· Release	(Average values) 0.4 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.).
- This adhesive is particularly recommended for application to irregular (bricks, concrete, chipboard), non-chalky and non-sandy surfaces.
- Immediate and permanent adhesion.

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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 48 hours minimum.

USER'S INSTRUCTIONS:

- Recommended minimum application temperature: +10 °C (+50 °F) down to -1 °C (+30 °F) for flat surfaces and with a minimum of +15 °C (+59 °F) for riveted and irregular surfaces.
- Operating temperature range: -40 °C to +90 °C (-40 °F to +194 °F)
- Operating temperature range on irregular surfaces: maximum +60 °C.

Due to the wide variety of existing substrates, the application of film to an unsuitable and/or not adequately prepared surface or coating may result in media lifting from the substrate or damage to the substrate or existing laminate when the film is removed. The application and removal of the film are at the judgement and risk of the installer. HEXIS will not, under any circumstances, be liable for any damages or deteriorations caused by the installation or removal of a vinyl film.

- 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: PC500, PC190 or PC30 for low deformation substrates.
- For an application to irregular surfaces (brick, concrete, chipboard, etc.) a particular installation method is required. For more information, 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

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 smooth surfaces:
  Unprinted: 10 years.
  Printed and laminated:
  - PC500: 5 years.
  - PC190 and PC30: 4 years.
  Printed: 2 years.
- Vertical outdoor exposure on irregular surfaces (brick, concrete, chipboard, etc.): Printed and laminated with PC500, PC190 or PC30: 1 year depending on exposure and climate conditions.
- Indoor exposure on irregular surfaces (brick, concrete, chipboard, etc.): 5 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

Fire-smoke classification protocol no.
EFR-21-002612

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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