MICRO2

SOLV ÉCO-S LATEX

PRODUCT DESCRIPTION:

Printable film composed of a 165-µm, micro-perforated, colaminated (black/white), polymeric PVC, which is coated with a pressure-sensitive acrylic adhesive. For solvent, eco-solvent and latex inkjet printing.

FILM FEATURES:

· Thickness	(Indicative value) 165 µm	
· Total thickness (film + adhesive)	(Indicative value) 300 µm	
· Total weight of the product (without liner)	(Average values) 160 g/m²	Method HEXGSM001
· Total weight	(Average values) 295 g/m²	Method HEXGSM001
· Micro-perforation	(Indicative value) 32 %	
· Tensile strength	(Average values) min. 25 N/25 mm	Method HEXNFX41021
· Elongation at break	(Average values) min. 40 %	Method HEXNFX41021
· Shrinkage 168 hours at 70 °C (158 °F)	(Average values) < 0.4 mm	Method HEXRET001

LINER:

· Non-perforated, unprinted, silicone-coated Kraft paper 140 g/m².

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) 13 N/25 mm	Method HEXFTM001
· Initial tack	(Average values) 9 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:

· Colourless, pressure-sensitive acrylic adhesive (non-repositionable).

· Immediate and permanent adhesion, optimal after 24 hours of contact.

PRINTING GUIDE:

· Touch-dry after less than 15 minutes depending on printer used.

USER'S INSTRUCTIONS:

· Dry application method

· Recommended minimum application temperature: +10 °C (+50 °F)

· Operating temperature range: -10 °C to +50 °C (+14 °F to +122 °F)

- Touch-dry after less than 15 minutes depending on printer used.
- Apply to untreated, clean and dry mineral glass. Not to be immersed in water.
- Prior to application, clean the substrate with solvent- and ammonia-free detergents only.
- Leave a 5-mm space between the window sealings and the edge of the MICRO2 film. Never apply the film directly to the

window sealings.
- It is possible to peel the film off of the substrate. Remove residual adhesive if necessary.

Caution: This micro-perforated film cannot be used on emergency exits of public passenger transport vehicles(Appendix 5 of the Geneva Regulation R43 or 92/22/CEE directive) **. The customer is strongly advised to contact the competent local authorities who will validate the conformity of the vehicle with the road traffic regulations in effect.**

OPERATING RECOMMENDATIONS:

- Optimal drying time for the inks before laminating or further processing is 24 hours minimum.
  On flat substrates, it is recommended to laminate with an adhesive-coated, extra-clear, cold laminating film (PG836), applied using a laminator.

DO NOT USE heat-sealing (heat encapsulating) film.

- For vehicle rear windows (slightly curved), we recommend using our «cast» cold laminate PC50MICP.
- The MICRO2 film's adhesion at edges and corners can be reinforced with our self-adhesive edge sealing tapes «FPG836» for flat surfaces, «FPC50MICP2» for slighty curved substrates or our VR7077 sealing varnish in case of extreme mechanical stress.

The sealing must be done by superposing the tape or varnish between the MICRO2 film and the glass substrate while avoiding any contact with the seals.

- For more information on the application method of the MICRO2 film, 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 of 50 %

Storage area
in a dust-free environment

Storage method before use
in its original packaging

Orientation of rolls before use
vertically

DURABILITY: (Central European climate)

- Vertical outdoor exposure:
  - Unprinted: 4 years
  - Printed, laminated: 3 years
  - Up to 6 months after application without leaving significant adhesive residues.

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-19-003057

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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