



# MICROINSID

## PRODUCT DESCRIPTION:

Printable film composed of a 140-µm, micro-perforated (black/white) PVC, which is coated with a removable, pressure-sensitive adhesive. For indoor purposes (windows and glass doors). For solvent and eco-solvent inkjet printing. The product components allow for the printing of graphics on one side (adhesive-coated, white side) while maintaining the possibility to see through the opposite side (black side).

## FILM FEATURES:

- Thickness (Indicative value)  
**140 µm**
- Micro-perforation (Indicative value)  
**40 %**

## LINER:

- Non-perforated, adhesive-coated PET liner.

## PRINTING GUIDE:

- Printing must be done on the adhesive-coated, white side.
- Leave an unprinted area of about 2 cm (0.79 in.) around the graphic in order to allow the film to adhere to the glass.
- Graphics with vivid colours may require a high-level ink saturation during printing.
- Depending on the printer, set the feed rollers to medium pressure and, to limit film slipping during printing, unroll the film manually (while preventing it from touching the ground).
- Insert at least 10 mm of the film into the printer prior to starting the printing.
- Recovery and drying of the film must only be done in a flat position, right after the printing operation.
- Touch-dry after less than 10 minutes depending on printer used.
- For any application, optimal drying time for the inks is 24 hours minimum.
  - After the inks are dried, the adhesive-coated face of the MICROINSID must be protected with silicone-coated PAPPERDU paper.

## USER'S INSTRUCTIONS:

- Dry application method
- Recommended minimum application temperature: +10 °C to +50 °C (+50 °F to +122 °F)
  - Wearing lint-free gloves is mandatory for handling.
  - The film must always be wound with the adhesive-coated face on the outer side.
  - Removal of the protection liner of the black side must be done only after complete application of the film.
  - Transportation of the dry film: wound around a cardboard core (printed face on the outer side).
  - Indoor application to dry and clean windows and glass doors.
  - Prior to application, clean the substrate with solvent- and ammonia-free detergents only.
  - Leave a 1-mm space between the window seals and the edge of the MICROINSID film. Never apply the film directly to the window seals.
  - It is possible to reposition and remove the film without leaving any adhesive residues (depending on the substrate).

*The residual adhesive can be easily removed using a standard window cleaner.*

## OPERATING RECOMMENDATIONS:

- For more information on the application method of the MICROINSID 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](http://www.hexis-graphics.com).



## STORAGE:



Storage period before use  
**1 year**



Storage temperature  
**+20 °C to +25 °C (+68 °F to +77 °F)**



Relative humidity during storage  
**with relative humidity between 40 % and 60 %**



Storage method before use  
**in its unopened original packaging**

## DURABILITY:

- Vertical indoor exposure: Up to 2 years without leaving any adhesive residues.

## CERTIFICATION:

Fire-smoke classification



Fire-smoke classification standard  
**French standard NF P 92-507**

Fire-smoke classification protocol no.  
**P223686-DEC/5**

## 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](http://www.hexis-graphics.com).