DATA SHEET - DIGITAL PRINTING - MICRO-PERFORATED PVC FILM - REMOVABLE ADHESIVE

MICROINSID

This film is 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). This product is M1 classified according to the French fire protection standard.

FILM FEATURES:

	Indicative values
• Thickness (µm):	140
• Micro-perforation (%):	40

GENERAL PRINTER COMPATIBILITES:

	Solvent	Eco-solvent
MICROINSID	✓	✓

LINER:

- Non-perforated, adhesive-coated PET liner.

USER'S INSTRUCTIONS:

- Wearing lint-free gloves is mandatory for handling.
- The film must always be wound with the adhesive-coated face on the outer 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.
- Printing must be done on the adhesive-coated, white side.

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.
- Inks touch-dry after less than 10 minutes depending on printer used.
- Optimal drying time for the inks is 24 hours.
- After the inks are dried, the adhesive-coated face of the MICROINSID must be protected with silicone-coated PAPPERDU paper.

- 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-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.
- Application temperature: 10 °C to 50 °C (+50 °F to +122 °F).
- 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 on the "Professionals" pages, category "Digital printing media" on our website www.hexis-graphics.com.

STORAGE:

- Shelf life (before application):

  The shelf life of this film is one year when stored in its unopened original packaging at a temperature ranging from 20 °C to 25 °C (+68 °F to +77 °F) with relative humidity between 40 % and 60 %.

DURABILITY:

- Vertical indoor exposure: up to 2 years without adhesive traces.

CERTIFICATIONS:

- This product is M1 classified according to the French standard for fire behaviour NF P 92-507 (protocol no. P223686-DEC/5).