



DATA SHEET DIGITAL PRINTING MICRO-PERFORATED VINYL
MICRO203v2

80 micron micro-perforated PVC film coated with a pressure sensitive acrylic adhesive, for solvent inkjet printing.

SPECIFICATIONS:

	<u>Average values</u>	<u>Standard</u>
• Thickness (µm):	80	
• Total caliper (µm):	300	
• Total specific weight (g/m ²):	260	HEXGSM001
• Specific weight adhesive perforated film (g/m ²):	80	HEXGSM001
• Micro-perforation (%):	32	
• Tensile strength (N/25mm):	min. 20	HEXNFX4102I
• Elongation at break (%):	min. 30	HEXNFX4102I
• Dimensional stability (mm): after 168 hours at 70°C	< 0.4	HEXRET001

PRINTER COMPATIBILITY:

- Solvent inkjet printers

LINER:

- Silicone coated paper liner 175g/m² grey HEXIS print.

ADHESIVE PROPERTIES:

- | | | |
|---|------|-----------|
| • 180° peel on glass (N/25mm): | | HEXFTM001 |
| 20 minutes after application | 8 | |
| 24 hours after application | 10 | |
| • Initial tack (N/25mm): | 6 | HEXFTM009 |
| • Release (N/25mm): | 0,10 | HEXFTM003 |
| • The adhesive is resistant to most chemical agents (alcohol, diluted acids, oils). | | |

RECOMMENDATIONS:

- For use with solvent based inks.
- Do not heat above 35°C (95°F) during the printing process.
- Touch dry after less than 15 minutes depending on printer.
- The optimum drying time before laminating or varnishing is 24 hours.

- Lamination with a super-transparent cold laminating film (Hexis PG836) using a laminator is recommended. **DO NOT USE** hotmelt films.

- Apply on dry and clean glass.
Degrease target surface with ND45 in particular near the edges (avoid contact with seals).
To clean the glass surface use “EasyPose”, rinse and dry thoroughly.
Do not use ammoniac or other window cleaners before application.
- Minimum application temperature: +10°C (+50°F).
- Exposure temperatures: -10°C to +50°C (-14°F to +122°F).

- Good dimensional stability.
- Good resistance against solvents.

- Acrylic pressure sensitive removable adhesive (not repositionable).
- Immediate adhesion, maximum adhesion after 24 hours.
- May be removed by peeling off the surface. Remove adhesive residues if necessary.

- Dry application. The MICRO203v2 can only be dry applied.
- In order to increase the adhesion at the edges it may be advisable to apply 1cm wide clear adhesive tape (type PG836) overlapping both the film and the substrate.
- If applied on window glass leave 5mm (0.2in) between the sealing and the edge of the MICRO203v2.
- Avoid overlapping applications.
- This micro-perforated film must not be used on emergency exits.
- Not suitable for submersed applications.
- In the case of painted substrates self-adhesive media must only be applied onto the undamaged original paintwork. If the paint is not the original paintwork and/or if it is damaged, the application and the removal are at the installer's risk.

SHELF LIFE:

- 1 year at +15°C to +25°C (+50°F to +77°F) and 50% relative humidity, rolls standing upright in a dustfree environment before usage and in the original packing.

DURABILITY:

- Vertical outdoor exposure:
2 years.
6 months depending on substrate, without adhesive residue on the substrate.

Note:

Because of the great variety of substrates and possible application methods the installer must examine the suitability of the media for each application. The methods of measuring for the standards quoted above are the basis for the development of our own measuring methods which are available on request (partial application). You are invited to enquire for the latest instructions in force.

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