
**UV**

# MICRO170UV

## PRODUCT DESCRIPTION:

Printable film composed of a 180-µm, micro-perforated, colaminated (black/white), monomeric PVC, which is coated with a removable pressure-sensitive adhesive. For UV inkjet printing.

The product components enable the printing of graphics on one side (white side) while maintaining the possibility to look through from the other side (black side).

## FILM FEATURES:

• Thickness	(Indicative value) <b>180 µm</b>	
• Micro-perforation	(Indicative value) <b>40 %</b>	
• Shrinkage 168 hours at 70 °C (158 °F)	(Average values) <b>&lt; 0.8 mm</b>	Method <b>FTM14</b>

## LINER:

- Double liner 98 g/m<sup>2</sup>, composed of a perforated, silicone-coated paper, which is hot colaminated with a smooth polypropylene film.

## ADHESIVE PROPERTIES:

• Peel strength test at 180°; Measurement support glass	(Average values)	Method
after 24 hours of application	<b>7 N/25 mm</b>	<b>FTM1</b>
• Release	(Average values)	Method
	<b>0.1 N/25 mm</b>	<b>FTM3</b>

## ADHESIVE:

- Solvent-based adhesive.
- Immediate adhesion; removable adhesive.

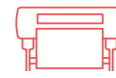
## PRINTING GUIDE:

- Touch-dry right after printing.

## USER'S INSTRUCTIONS:

- Dry application method
- Recommended minimum application temperature: +8 °C (+46 °F)
- Operating temperature range: +15 °C to +33 °C (+59 °F to +91 °F)
- Touch-dry right after printing.
- Film cutting following printing must be carried out with scissors or a new cutter blade.
- Apply to non-immersed, dry, clean and untreated mineral glass.
- Prior to application, clean the substrate with solvent- and ammonia-free detergents only.
- The liner must be removed very carefully from the two first centimeters of the film width in order to avoid any separation of the two liner layers.
- Leave a 5-mm space between the window sealings and the edge of the MICRO170UV film. Never apply the film directly to the window sealings.
- Good dimensional stability.
- It is possible to peel off the film from the substrate. Remove residual adhesive if necessary.

*Caution: This micro-perforated film cannot be used on emergency exits of public transport vehicles (Annex 5 of the Geneva Regulation R43 or the 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:

- For the protection of your prints, use the PC50MICP2 laminate for micro-perforated films.
- The MICRO170UV film's adhesion at edges and corners can be reinforced with our self-adhesive «FPC50MICP2» edge sealing tape for slightly 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 MICRO170UV film and the glass substrate while avoiding any contact with the seals.*

- For more information on the application method of the MICRO170UV 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  
**+22 °C (+72 °F)**



Relative humidity during storage  
**with relative humidity between 50 % and 55 %**



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: 1 year upon substrate. Up to 8 months after application without adhesive residues.  
Printed and laminated: 1 year (if the print edges are sealed by a sealing varnish).

## CERTIFICATION:

Reach compliance

**Please be aware of the presence of bis(2-ethylhexyl) phtalate (DEHP) at a concentration of 0.13 % weight by weight (w/w).**

## 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. 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).