



TECHNICAL DATA SHEET – FLEX – DIGITAL PRINTING

UFLEXCLEAR

Very thin and elastic, clear, 35- μm polyurethane film, ideally recommended for application to white or light coloured cotton and polyester textiles. Perfectly suitable for the creation of medium and large-sized logos and images. Matt surface finish.

FILM FEATURES:

Average values

- Thickness (μm): 35
- Good adhesion to cotton.

For any other type of textile, carry out a test to check the resistance of the fabric to the press temperature and the compatibility of the UFLEXCLEAR film with the cloth.

GENERAL PRINTER COMPATIBILITIES:

	Solvent	Eco-solvent
UFLEXCLEAR	✓	✓

LINER:

- 100- μm polyester liner.

USER'S INSTRUCTIONS:

- Print the image in mirror mode.
- Cut and weed the image:
 - Use a new blade.
 - Cut at the inner edges of the graphics.
 - Minimum cutting size of logos / images: > 2 cm.

For heavy ink loads, a drying time of 2 hours minimum must be respected prior to weeding and transferring.

- Preferably apply the film to previously washed fabrics.
- Remove dust particles, extraneous textile fibres, etc. from the surface to be covered by pressing on them using HEX860 tape pieces.

Indeed, due to the UFLEXCLEAR transparency, these impurities would be permanently visible on the unprinted parts once the film has been applied.

- Preheat press and textile prior to application.
- Pressing temperature: 140 °C (284 °F) during 15 seconds.

In any case, always perform a preliminary trial so as to adjust at best the pressing conditions before carrying out large series.

- Carefully remove the protector (liner) in a single working step, as soon as the film is cold (< 40 °C (< 104 °F)).
- Press again for 5 seconds while protecting the image with a baking paper sheet.
- After pressing, wait for at least 24 hours before washing the garment.
- The maximum washing machine temperature is 40 °C (104 °F). Use laundry products without chlorine bleach.
- Tumble drying is prohibited.
- Both the surface and the back side of the flex must not be ironed.

OPERATING RECOMMENDATIONS:

- The use of softeners is not recommended since it can cause an alteration of the Flex adhesion to the fabric.
- For more information on the application method of UFLEXCLEAR, please refer to the PRINTFLEX Application Guide on the "Professionals" / "Application Guides" pages on our website www.hexis-graphics.com.

STORAGE:

- Shelf life (before use):

The shelf life of this film is 1 year when stored unopened in its original packaging at a temperature ranging from +15 °C to +25 °C (+59 °F to +77 °F) with relative humidity between 30 % and 70 %.

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 the published information is based on measurements regularly performed in the laboratory. It 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.