



TECHNICAL DATA SHEET – FLEX – DIGITAL PRINTING UFLEXMAXI

85- μ m polyurethane film, made from a solvent-free, water-based emulsion. Opaque white, thin and elastic film, recommended for application to cotton and polyester textiles (except Softshell). Especially suitable for the creation of medium and large-sized logos or images. Matt surface finish.

FILM FEATURES:

Indicative value

- Thickness (μ m): 85
- Good adhesion to cotton and polyester.

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 UFlexMaxi film with the cloth.

GENERAL PRINTER COMPATIBILITIES:

	Solvent	Eco-solvent	Latex
UFLEXMAXI	✓	✓	✓

LINER:

- 100- μ m polyester liner.

USER'S INSTRUCTIONS:

- Do not use the UFLEXMAXI film on Softshell fabrics.
- Print the image in positive mode.

For heavy ink loads, a drying time of 24 hours minimum is recommended before cutting.

- Cut and weed the image.
 - Minimum cutting size (unprinted areas or perfectly dry, printed areas (minimum drying time: 24 hours)): 1.5 cm (0.24 in.) (height of letters).
 - Weed immediately after plotting. Plotting in areas with heavy ink loads which have not completely dried will be difficult.
- Preferably apply the film to previously washed fabrics.
- Carry out the transfer using the transfer films HEX960 or HEX860:
 - Apply the tape to the UFlexMaxi using a squeegee, while pressing it hard.
 - Remove the tape from the liner.

- Preheat press and textile prior to application.
- Indicative temperature and pressing duration depending on the fabric:
 - 160 °C (320 °F) during 20 seconds on cotton.

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 transfer tape while the film is still hot.
- The final step consists of placing a TEFLEX protection sheet or parchment/silicone paper on the graphics' surface and pressing the entire assembly during 5 seconds, while respecting the temperature stated above.
- After pressing, wait for at least 24 hours before washing the garment.
- The maximum washing machine temperature is 60 °C (140 °F). Turn your garment inside out for washing and use laundry products without chlorine bleach.
- Tumble drying is prohibited.
- Iron your garment inside out.

OPERATING RECOMMENDATIONS:

- The use of softeners is not recommended since it can cause alteration of the Flex adhesion to the fabric.
- For more information on the application method of UFlexMaxi, 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.