



TECHNICAL DATA SHEET – FLEX – DIGITAL PRINTING

UFLEX5S

80- μ m, adhesive-coated polyurethane film, made from a water-based emulsion, which is free of DMF or similar solvents. Opaque white, thin film, recommended for applications to cotton and polyester textiles (except Softshell). Especially adapted for the creation of letterings, logos or small images. Matt surface finish.

FILM FEATURES:

Indicative value

- Thickness (μ m): 80
- 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 UFLEX5S film with the cloth.

GENERAL PRINTER COMPATIBILITIES:

	Solvent	Eco-solvent	Latex
UFLEX5S	✓	✓	✓

LINER:

- 105- μ m polyester liner.

USER'S INSTRUCTIONS:

- Do not use the UFLEX5S film on Softshell fabrics.
- Print the image in positive mode.
- Cut and weed the image.
 - Minimum cutting size (unprinted areas or perfectly dry, printed areas): 0.6 cm (0.24 in.) (height of letters).
- Preferably apply the film to previously washed fabrics.
- Carry out the transfer using the transfer film HEX860:
 - **Apply the tape to the UFLEX5S using a squeegee, while pressing it hard.**
- Preheat press and textile prior to application.

- Indicative temperature and pressing duration depend on the fabric:
 - From 140 °C (284 °F) during 5 seconds on cotton.
 - From 130 °C (266 °F) during 5 seconds on polyester.

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.
- After pressing, wait for at least 24 hours before washing the garment.

For a better ink durability, it is preferable to wait for one week before carrying out the first washing.

- 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 an alteration of the Flex adhesion to the fabric.
- For more information on the application method of UFLEX5S, please refer to the Application Guide PRINTFLEX on the "Professionals" pages, category "Films for textile" 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.