



TECHNICAL DATA SHEET – FLEX – DIGITAL PRINTING UFLEXCOLD

Thin and elastic, opaque white, 80- μ m, adhesive-coated polyurethane film. Adapted for application to synthetic fabrics not supporting the transfer of other Flex films. Specifically adapted for textile substrates that will not be machine washed, such as: tent material, umbrellas, raincoats, windbreakers, shopping bags, fleece jackets, etc.

FILM FEATURES:

Indicative value

- Thickness (μ m): 80
- Good adhesion to polyester and nylon.

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 UFlexCold film with the cloth.

GENERAL PRINTER COMPATIBILITIES:

	Solvent	Eco-solvent	Latex
UFLEXCOLD	✓	✓	✓

LINER:

- 75- μ m polyester liner.

USER'S INSTRUCTIONS:

Caution: This Flex film is intended for synthetic fabrics, it is not adapted to cotton.

- Print the image in positive mode.
- Cut and weed the image.

For plotting in printed areas, a drying time of 24 hours minimum is recommended before cutting. Plotting in areas with heavy ink loads which have not completely dried cannot be done.

- Weed immediately after plotting.
- Carry out the transfer using one of these transfer films: HEX100, HEX900, HEX901, HEX902, HEX904, HEX905 or HEX915.
 - Apply the tape to the UFlexCold using a squeegee, while pressing it hard.
 - Remove the liner from the UFlexCold.

- Preheat the press to 80 °C (176 °F) prior to application.

Using a pneumatic press is highly recommended.

- Indicative temperature and pressing duration depend on the fabric:
 - 80 °C (176 °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 transfer tape while the film is still hot.
- The final work step consists of placing a parchment paper on the graphics' surface and pressing the entire assembly during 10 seconds, while respecting the temperature stated above.
- 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 40 °C (104 °F). Use laundry products without chlorine bleach. Refer to the textile's label.
- Tumble drying is prohibited.
- It is mandatory to 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 UFlexCold, 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 media 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.