



TECHNICAL DATA SHEET – FLEX – DIGITAL PRINTING

UF1200

Very thin and elastic, opaque white, 80- μ m polyurethane film, recommended for application to textiles (cotton, nylon, polyester, lycra®). Perfectly suitable for the creation of medium and large-sized logos and images. Matt surface finish.

FILM FEATURES:

Indicative value

- Thickness of film (μ m): 80
- Good adhesion to cotton, nylon and polyester.

Carry out a test to check the resistance of the fabric to the press temperature and the compatibility of the UF1200 film with the cloth.

GENERAL PRINTER COMPATIBILITIES:

	Solvent	Eco-solvent
UF1200	✓	✓

LINER:

- 100- μ m polyester liner.

USER'S INSTRUCTIONS:

- Print the image in positive mode.

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

- Cut and weed the image.
 - Minimum cutting size (unprinted areas or perfectly dry, printed areas (minimum drying time: 24 hours)): **1.5 cm (0.59 in.)**.
 - Preferably carry out the transfer using the HEX750 transfer film.
- Preferably apply the film to previously washed fabrics.
- Preheat the press and the textile prior to application.

- Pressing temperature at 160 °C (320 °F) during 20 seconds (170 °C (338 °F) during 30 seconds if you place a TEFLEX protection sheet between the flex and the heating plate).

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 flex film is still warm.
- The final work step consists of placing a TEFLEX protection sheet or parchment/silicone paper on the graphics' surface and pressing the entire assembly during 10 seconds at 160 °C (320 °F).
- 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). Turn your garment inside out for washing and use laundry products without chlorine bleach.
- Iron your garment inside out.

OPERATING RECOMMENDATIONS:

- The use of softeners is not recommended as it can cause alteration of the Flex adhesion to the fabric.
- Tumble drying is not recommended.
- For more information on the application method of UF1200, 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 application):

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.