



## TECHNICAL DATA SHEET – FLEX – DIGITAL PRINTING SILKPRINT



Stretchable, opaque, white, 100-µm polyurethane film, which is free from any kind of solvents and which is suitable for hot transfer applications to cotton, polyester, acrylic and mixed fabrics. Perfectly suitable for the creation of small- to large-sized logos and images. Matt surface finish.

### **FILM FEATURES:**

#### Indicative value

- Thickness of film (µm): 100
- Good adhesion to cotton, acrylic, polyester and mixed fabrics.

*Carry out a test to check the resistance of the textile to the press temperature and the compatibility of the SILKPRINT film with the cloth.*

### **GENERAL PRINTER COMPATIBILITIES:**

	Solvent	Eco-solvent	Latex
<b>SILKPRINT</b>	✓	✓	✓

### **LINER:**

- 100-µm, adhesive-coated 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.
- Carry out the transfer of the graphic using the transfer films HEX860 or HEX960.
- Preferably apply the film to previously-washed fabrics.
- Preheat press and textile prior to application to 130 °C (266 °F) for 5 seconds.
- Pressing temperature: 130 °C (266 °F) for 5 seconds while applying moderate pressure.
- After pressing, carefully remove the protector (liner) while the flex film is still hot.
- The final step consists of placing a parchment paper on the graphics' surface and pressing the entire assembly for 5 seconds at 130 °C (266 °F).
- After pressing, wait for 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 of the textile is possible at a maximum temperature of 100 °C (212 °F).
- Iron your garment inside out.
- For more information on the application method of SILKPRINT, please refer to the PRINTFLEX Application Guide on the "Professionals" / "Application Guides" pages on our website [www.hexis-graphics.com](http://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 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](http://www.hexis-graphics.com).