



## POLI-FLEX NYLON

### Product Information

POLI-FLEX NYLON is a transfer film with a special heat sealing adhesive for hydrophobic and nylon textiles. POLI-FLEX NYLON has excellent cutting and weeding properties due to the self-adhesive polyester film.

The ecologically inert polyurethane film has excellent washing and cleaning properties and has a pleasant textile touch.

POLI-FLEX NYLON can be cut with all current plotters. We recommend using a standard 45° knife. After weeding the cut flex film is transferred for 3 – 4 sec. by heat press. The polyester liner should be removed lukewarm. After cooling down the material is to be pressed for another 10 - 15 sec. with the same parameters. Washable at 30°C and suitable for dry-cleaning. POLI-FLEX NYLON has been especially designed for difficult fabrics. Suitable for the transfer onto Nylon and textiles with hydrophobic impregnation.

The soft, elastic carrier film offers a comfortable textile touch and convinces due to high wearing comfort. POLI-FLEX NYLON excels due to an excellent opacity.

The raw materials are ecologically inert, do not contain PVC, plasticizers or heavy metals (in accordance with Oeko-Tex Standard 100).

POLI-FLEX NYLON with a self-adhesive polyester liner, enables a reposition.

Guarantee for secure and long-lasting bond of POLI-FLEX NYLON is only given when following the specified temperature and pressure conditions.

#### **We recommend evaluation on test material.**

Due to the various influences which occur from production and transfer of plotter letterings, consistency of the carrier materials and also washing and cleaning conditions, product liability of course can only cover the unprocessed material.

### Technical Data

<b>Carrier:</b>	PET-film
<b>Adhesive:</b>	Polyamide-hotmelt
<b>Thickness [mm]:</b>	0.10 +/- 5 %

### Transfer Conditions

<b>Temperature:</b>	145° - 150° C
<b>Pressure:</b>	2 – 2.5 bar [low to medium pressure]
<b>Time:</b>	Pre-pressing: 3 – 4 sec. Polyester-liner lukewarm removing Second pressing: 10 – 15 sec.

### Wash Resistance

<b>Wash resistance:</b>	30° C Suitable for dry-cleaning. Wash textile inside out.
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### Standard Dimensions

500 mm x 25 m
1,000 mm x 25 m
1,524 mm x 25 m

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The following technical details are issued to the best of our knowledge, however, without any responsibility for results due to several different kinds of material and application processes. Therefore, we highly recommend that before every usage a test should be conducted on the original material.