



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 PET-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 PET 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 transfer 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 PET 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 can only cover the unprocessed material.

Technical Data

Transfer Film:	Polyurethane, cast
Adhesive:	Polyamide-hotmelt
Thickness [mm]:	0,10 +/- 5 %
Liner:	PET-film, self-adhesive

Transfer Conditions

Temperature:	145° - 150° C
Pressure:	2 – 2,5 bar
Time:	Pre-pressing: 3 – 4 sec. PET-liner lukewarm removing Second pressing: 10 – 15 sec.

Wash Resistance

Wash resistance:	40° C Suitable for dry-cleaning; Perchloroethylene (Tetrachloroethylene). 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

Safety Datasheet

MSDS have not been prepared for these products, they are not subject to the MSDS requirements of the Occupational Safety and Health Administrations Hazard Communication Standard, 29 C.F.R.1910.1200 (b)(6)(v).

When used under reasonable conditions and in accordance with the Poli-Tape directions for use, these products do not present a health and safety hazard. However, use or processing of the products in a manner which is not in accordance with the directions for use may affect their performance and present potential health and safety hazards.

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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.