POLI-TAPE®

**TECHNICAL DATA SHEET**
ISSUE: 1
DATE: 07/2026

# 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 selfadhesive 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 40°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 Class I).

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.

## STANDARD DIMENSIONS

- 500 mm x 10 m
- 500 mm x 25 m
- 1.000 mm x 25 m *
- 1.254 mm x 25 m *

*Non-standard dimension. Converted after order entry. Extended delivery times may occur

## TECHNICAL DATA

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

## TRANSFER CONDITIONS

**Pressure**: 2,0 bar
**Temperature/TIme:** 150°C / 5 sec.
Pre-pressing: 4 sec. PET-liner lukewarm removing / Second pressing: 10 sec.

**WASH RESISTANCE**

40 °C
Wash textile inside out.

**SAFTY DATA SHEET**

When used under normal conditions, this product does not generate or release any dangerous substances or hazardous chemicals. This is a non-hazardous product in accordance with the current GefStoffV and EU criteria. Therefore, it is not necessary to prepare a Material Safety Data Sheet for this product. The Safety Data Sheet serves only to comply with the regulation to supply information in accordance with REACH Regulation (EC) No. 1907/2006 and is available on request. This product is not a hazardous product with regards to transportation legislation; neither does it contain substances that are hazardous to water within the meaning of the federal water act. After use, dispose of the waste product in accordance with the local / national authorities.
Safety information in accordance with Regulation (EU) 2023/988 on on general product safety from the European Parliament can be found at www.poli-tape.de/safety.

**DISCLAIMER**

The information on the physical and chemical properties and values contained in this document is based on tests we believe to be reliable; however, it does not constitute a guarantee. It is provided for informational purposes only, without warranty, and does not establish any guarantee. Buyers should independently verify the suitability of this material for their specific intended use prior to use. All technical data is subject to change. All POLI-TAPE products are sold in accordance with the terms and conditions of sale. For further information, please contact your POLI-TAPE sales representative. In the event of any ambiguity or discrepancy between the English version and foreign-language versions of this document, the English version shall prevail and take precedence.

POLI-TAPE Klebefolien GmbH
Zeppelinstraße 17
53424 Remagen - GERMANY
Phone: +49 2642 - 98 36 0
Fax: +49 2642 - 98 36 37
E-Mail: info@poli-tape.de
Internet: www.poli-tape.de