

## Product Information

Heat-sealable, printable Polyurethane film (white) suitable for bright and dark textiles.

POLI-FLEX® 4600 is compatible with all current printers using Dye-based- ; Pigment- and ECO-solvent (with restrictions) inks. The silicone paper liner allows even filigree motifs to be cut by all current CAD/CAM plotters after printing.

We recommend POLI-TACK 853 for the application process.

During the thermal transfer the printed surface must be protected by a silicone paper or a release-coated casting paper. The primarily matt printing changes into a brilliant glossy finish with high definition within the thermal transfer.

### Important:

POLI-FLEX® 4600 can only be ironed on the reverse side.

The transfer film is used for motifs and logos on sport, leisure and work wear. Nylon and textiles with a hydrophobic impregnation are not suitable for heat transfer.

**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

750 mm x 25 m\*

1.000 mm x 25 m\*

1.524 mm x 25 m\*

\* Non-standard dimension. Extended delivery times may occur.

## Technical Data

<b>Transfer Film:</b>	Polyurethane, cast
<b>Adhesive:</b>	Polyurethane-hotmelt
<b>Thickness [mm]:</b>	0,16 +/- 10 %
<b>Liner:</b>	Silicone-paper

## Transfer Conditions

<b>Temperature:</b>	160 °C
<b>Pressure:</b>	2,5 - 3,0 bar [medium pressure]
<b>Time:</b>	15 sec.

## Wash Resistance / Printing

<b>Wash resistance:</b>	60 °C Only colour or mild detergent. Wash textiles inside out. Tumble dryable.
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<b>Printing:</b>	True sided
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## Safety 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](http://www.poli-tape.de/safety).

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The following technical details are issued to the best of our knowledge, however, without any responsibility. Due to the varied and application-related influences the product liability can only be applied to unprocessed material. Therefore, we highly recommend that before every usage a test should be conducted on the original material.