

Product Information

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

POLI-FLEX® 4605 is compatible with all current printers using Dye-based-, Pigment- and ECO-solvent (with restrictions) inks. The film offers an excellent planarity with improved printing facility, due to lamination of a self-adhesive PET-film on the hotmelt side. After printing the motif can be easily cut with a CAD/CAM plotter.

We recommend POLI-TACK 854 / 870 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® 4605 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

A4 sheets and A3 sheets

500 mm x 25 m

Technical Data

Transfer Film:	Polyurethane, cast
Adhesive:	Polyurethane-hotmelt
Thickness [mm]:	0,16 +/- 10 %
Liner:	PET-film, self-adhesive

Transfer Conditions

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

Wash Resistance / Printing

Wash resistance:	60 °C Only colour or mild detergent. Wash textiles inside out. Tumble dryable.
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Printing:	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.

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05/12/2024

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.