

Product Information

Casted, plotter cuttable polyurethane film with high-quality matt surface finish. Due to the thickness of 600 µ optical attractive 3D-transfers are resulting.

POLI-FLEX® DIMENSION is suitable to transfer onto textiles like cotton, mixtures of polyester/cotton and polyester/acrylic.

POLI-FLEX® can be used for lettering on T-shirts, sport & leisure wear, sport bags and promotional articles.

POLI-FLEX® DIMENSION can be cut with all current plotters. We recommend using a **Flock knife (60°)** and cut the motive twice. After weeding the cut flex film is transferred by heat press. The PET liner should be **removed cold**. Nylon and textiles with hydrophobic impregnation are not suitable for heat transfer. In this case we recommend using POLI-FLEX® NYLON.

Due to the thickness of the material of 600 µ, we only recommend to cut and weed medium or large lettering and motives. Inaccuracy could occur on the cut edges and weeding could be affected by very detailed designs.

The raw materials are ecologically inert, do not contain PVC, plasticizers or heavy metals. Guarantee for a secure and long-lasting bond of POLI-FLEX® DIMENSION 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:	Polyurethane-hotmelt
Thickness [mm]:	0,60 +/- 10 %
Liner:	PET-film, non adhesive

Transfer Conditions

Temperature:	160° C
Pressure:	3 bar [medium pressure]
Time:	25 sek.

Wash Resistance

Wash resistance:	60° C Wash textile inside out.
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Standard Dimensions

500 mm x 10 m

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 general product safety from the European Parliament can be found at 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.