

Product Information

POLI-FLEX SERIE 4700 is an ecologically proven polyurethane film with matt, reflection free surface, in accordance with Oeko-Tex Standard 100.

POLI-FLEX SERIE 4700 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 SERIE 4700 can be cut with all current plotters. We recommend using a standard 45° knife. After weeding the cut flex film is transferred by heat press. The PET liner should be removed cold. Afterwards we recommend pressing the material for another 2 sec. with the same parameters. Nylon and textiles with hydrophobic impregnation are not suitable for heat transfer. In this case we recommend using POLI-FLEX NYLON.

POLI-FLEX SERIE 4700 is coated with a special heat-activated adhesive on the back side. The non adhesive PET liner enables to stack the weeded decals without sticking together.

Guarantee for a secure and long-lasting bond of POLI-FLEX SERIE 4700 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]:	0,10 +/- 5 %
Liner:	PET-film, non adhesive

Transfer Conditions

Temperature:	155° - 165° C
Pressure:	3,5 bar [medium pressure]
Time:	17 - 20 sec.

Wash Resistance

Wash resistance:	60° 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 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.