POLI-FLEX PERFORM

Product Information

POLI-FLEX PERFORM is an ecologically proven polyurethane film (80 µ) with matt, reflection free surface, in accordance with Oeko-Tex Standard 100, Class I.

POLI-FLEX PERFORM is suitable to transfer onto textiles like cotton, mixtures of polyester/cotton and polyester/acrylic. POLI-FLEX PERFORM can be used for lettering on T-shirts, sport & leisure wear, sport bags and promotional articles.

POLI-FLEX PERFORM 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 polyester liner should be removed warm, except for the neon colours (POLI-FLEX 4340, 4343) and POLI-FLEX 4303 Light Blue the liner should be removed after cooling down. 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.

The soft, elastic transfer film offers a comfortable textile touch and convinces due to high wearing comfort. POLI-FLEX PERFORM excels due to an excellent opacity. POLI-FLEX PERFORM with a self-adhesive polyester liner enables a reposition. The raw materials are ecologically inert, do not contain PVC, plasticizers or heavy metals (in accordance with Oeko-Tex Standard 100, Class I).

Guarantee for a secure and long-lasting bond of POLI-FLEX PERFORM 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]:	0,08 +/- 5 %
Liner:	PET-film, self-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.

Standard Dimensions

500 mm x 25 m

1.000 mm x 25 m

1.524 mm x 25 m

More information on page 2.

POLI-TAPE Klebefolien GmbH
Zeppelinstraße 17
53424 Remagen – GERMANY

Phone: +49 (0) 2642 – 9836 0
Fax: +49 (0) 2642 – 9836 37

E-Mail: info@poli-tape.de
Internet: www.poli-tape.de

28/07/2011

POLI-FLEX PERFORM

Polyester Textiles

Polyester textiles (e. g. football shirts, Softshell jackets) are coloured with special colouring. During the thermal transfer the colour particles are activated and could seep through the Flexmaterial. Therefore we recommend using POLI-FLEX BLOCKOUT instead of POLI-FLEX PERFORM.

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.

POLI-TAPE Klebefolien GmbH
Zeppelinstraße 17
53424 Remagen – GERMANY

Phone: +49 (0) 2642 – 9836 0
Fax: +49 (0) 2642 – 9836 37

E-Mail: info@poli-tape.de
Internet: www.poli-tape.de

28/07/2011