



POLI-FLEX® 4225 BLACK CARBON

Product Information

POLI-FLEX® BLACK CARBON is a transfer films with a fashionable design and unique surface finish. The ecologically inert polyurethane film has excellent washing and cleaning properties and is preferred due to a pleasant textile touch. POLI-FLEX® BLACK CARBON is suitable to transfer onto textiles such as cotton, polyester/cotton blends and polyester/acrylic.

POLI-FLEX® BLACK CARBON 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 of POLI-FLEX® BLACK CARBON should be removed warm.

Nylon and textiles with hydrophobic impregnation are not suitable for heat transfer. In this case we recommend using POLI-FLEX® NYLON.

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

480 mm x 25 m, 480 mm x 10 m
500 mm x 25 m, 500 mm x 10 m

Technical Data

Transfer Film:	Polyurethane Designfilm
Adhesive:	Polyurethane-hotmelt
Thickness [mm]:	0,120 +/- 10 %
Liner:	PET-film, self-adhesive

Transfer Conditions

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

Wash Resistance

Wash resistance:	60 °C Suitable for tumble dry. Wash textile inside out.
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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.

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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.