



## POLI-FLEX® 421 / 431 BRILLIANT

### Product Information

POLI-FLEX® BRILLIANT is a vacuum metalized and thermally transferable flex vinyl and suitable to transfer onto textiles like cotton, mixtures of polyester/cotton and polyester/acrylic.

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

POLI-FLEX® BRILLIANT can be cut with all current plotters. We recommend using a standard 45° knife. After weeding the cut flex vinyl is transferred by heat press. The PET liner should be removed after cooling down.

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

POLI-FLEX® BRILLIANT is covered with a self adhesive PET liner, enabling the possibility to reposition the motive.

Due to the stiffness of the material, when washing a rugged friction could happen. Guarantee for a secure and long-lasting bond of POLI-FLEX® BRILLIANT 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

<b>Transfer Film:</b>	Effect vinyl, vacuum metalized
<b>Adhesive:</b>	Copolyester-hotmelt
<b>Thickness [mm]:</b>	0,11 +/- 5%
<b>Liner:</b>	PET-film, self-adhesive

### Transfer Conditions

<b>Temperature:</b>	320° F
<b>Pressure:</b>	medium pressure
<b>Time:</b>	15 sec.

### Wash Resistance

<b>Wash resistance:</b>	Hand-wash only. Wash textile inside out.
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### Standard Dimension

20" x 27 yd

Other dimensions and special colours available on request.

### 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.