

Product Information

POLI-FLEX® REFLEX COLOURS are transfer films based with retro-reflective properties and suitable to transfer onto textiles like cotton, uncoated nylon, mixtures of polyester/cotton and polyester/acrylic.

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

The film consists of metalized microscopic glass beads laminated to a dry heat-reactivating adhesive backing. A transparent, self-adhesive PET liner on the reflective side guarantees that the film can be cut with all current plotters. We recommend using a slock knife (60°). After weeding the cut flex film is transferred by heat press. The PET liner should be removed cold.

For application to nylon that is treated with any kind of coating, please test for suitability.

Guarantee for a secure and long-lasting bond of POLI-FLEX® REFLEX COLOURS 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:	Effect-film, retro-reflective
Adhesive:	Polyurethane-hotmelt
Thickness [mm]:	0,205 +/- 10 %
Liner:	PET-film, self-adhesive

Transfer Conditions

Temperature:	145 °C
Pressure:	3,0 bar [medium pressure]
Time:	8 sec.

Wash Resistance

Wash resistance:	60 °C Suitable for tumble drying (commercial tumble dryer up to 100°C) and dry-cleaning. Wash textile inside out.
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Standard Dimension

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.