

## Product Information

POLI-FLEX® FLAME RETARDANT is an ecologically proven polyurethane film with matt, reflection free surface.

**POLI-FLEX® FLAME RETARDANT is a flame-retardant textile transfer film according to DIN EN ISO 4589-2.**

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

POLI-FLEX® FLAME RETARDANT 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 warm. 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® FLAME RETARDANT excels due to an excellent opacity and the self-adhesive PET liner enables a reposition. The raw materials are ecologically inert, do not contain PVC, plasticizers or heavy metals.

Guarantee for a secure and long-lasting bond of POLI-FLEX® FLAME RETARDANT 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.

## Standard Dimensions

500 mm x 25 m  
1.000 mm x 25 m\*  
1.524 mm x 25 m\*

\*Non-standard dimension. Extended delivery times may occur.

## Technical Data

<b>Transfer Film:</b>	Polyurethane, cast
<b>Adhesive:</b>	Polyurethane-hotmelt
<b>Thickness [mm]:</b>	0,095 +/- 10 %
<b>Liner:</b>	PET-film, self-adhesive

## Transfer Conditions

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

## Wash Resistance

<b>Wash resistance:</b>	60 °C Only colour or mild detergent. Wash textile inside out. Suitable for tumble drying.
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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.

Safety information in accordance with Regulation (EU) 2023/988 on on general product safety from the European Parliament can be found at [www.poli-tape.de/safety](http://www.poli-tape.de/safety).

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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.