

POLI-FLEX® PREMIUM

When it comes to classical application with 160°C / 15 seconds, POLI-FLEX® PREMIUM is definitely the benchmark. Since 2006, it has been the go-to product for millions of users worldwide. It is the perfect ally for garment decorators working with more standard fabrics, and the preferred option for work-wear where high temperature washability is required. Experience the Made in Germany, real matt flex film with soft touch feel.

POLI-FLEX® PREMIUM is available in a wide range of 56 colours, in four different finishes: Matt, Glossy, Metallic and Neon

CONSTRUCTION

- Base Material: Cast Polyurethane Film
- Adhesive: Polyurethane Hotmelt
- Thickness: 100µm ± 10%
- Liner: Adhesive polyester 100µm

SUITABLE FABRICS

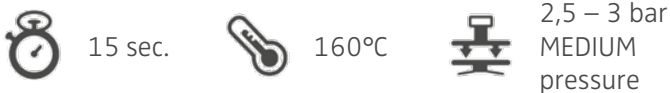
- Cotton
- Polyester
- Poly-cotton
- Polyester / Acrylic

OTHER SUBSTRATES

- Smooth Wood
- Leather
- Cardboard

TRANSFER CONDITIONS

Standard fabrics



When applied with a Crafters Hand Heat Press, slightly adapting time and pressure might be necessary.

Sublimated polyester fabrics (e. g. football shirts, Softshell jackets) are coloured with special inks. During the thermal transfer the colour particles are activated and could seep through the Flex material. Therefore we recommend using POLI-FLEX® BLOCKOUT SOFT or TURBO® instead of POLI-FLEX® PREMIUM. The darker POLI-FLEX® PREMIUM colours have an excellent sublimation resistance even though they do not possess an extra blockout coating.

CERTIFICATES



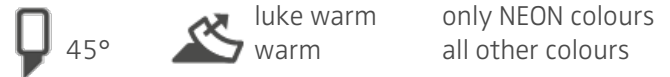
STANDARD
100
D22-2125
Hohenstein HTTI



Product class 1
Includes products for babies

PROCESSING

This product can be cut with all current plotters.



We recommend post-pressing the material for another 2 sec. with the same parameters. For Nylon and textiles with hydro-phobic impregnation we recommend using POLI-FLEX® NYLON.

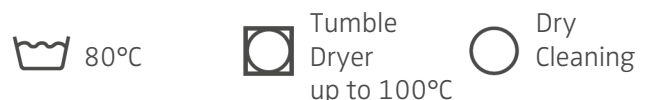
	Cricut	Silhouette
Material:	Vinyl	HTV, Smooth
Pressure:	Default	6
Blade:	Fine-Point	3
Speed:		8

Every blade and machine is a little bit different- always test cut. These cut settings are a starting point to be adjusted to your blade and machine.

Layering: STANDARD colours can be layered up to 5 layers. NEON, METALLIC and GLOSS colours should only be used as top layer.

Minimum cutting size 1 mm (also depending on the font)

WASHABILITY



Wait 24 hours after heat pressing before washing the fabric / Wash inside out

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.

POLI-FLEX® PREMIUM

EUROPEAN MARKET LEADER

80 °C WASHABILITY

REAL MATT FINISH

ENTIRE PRODUCTION IN-HOUSE

CAN BE CUT WITH LASER DEVICES

CHARACTERISTICS

- Excellent cutting and weeding
- Liner with high adhesion for safe positioning
- 56 colors and 4 finishes
- 100 µm for very good opacity
- Excellent resistance and longevity
- Suitable for dry cleaning / tumble dryer
- Comfortable textile soft touch
- Layerable
- Free of: PVC, plasticizers, heavy metal and formaldehyde



COLOUR CARD



COLOUR REFERENCE GUIDE



HEAT TRANSFER FILM CATALOGUE



CONTACT POLI-TAPE

RECOMMENDATIONS

Before cutting, a cutting test is always recommended, especially when using a new roll for adapting the cutting depth.

Highly structured cotton or cotton mixture fabrics: adjust the application time.

Secure and long-lasting bond is only given when following the specified temperature and pressure conditions.

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.

Storage at room temperature (15-25 °C / 59-77 °F) air humidity of 50-60%.

We recommend the rolls be stored either standing vertically or in purposely designed hanging racks.

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 general product safety from the European Parliament can be found at www.poli-tape.de/safety.

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