POLI-TAPE®

POLI-FLEX® PREMIUM

When it comes to classical application with 320°F / 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 matte flex film with soft touch feel.

POLI-FLEX® PREMIUM is available in the USA in 12 colors, in two different finishes: Matte and Metallic and Neon

CONSTRUCTION

- Base Material: Cast Polyurethane Film
- Adhesive: Polyurethane Hotmelt
- Thickness: 3,9mil / 100µm ± 10%
- Liner: Adhesive polyester 3,9mil / 100µm

SUITABLE FABRICS

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

OTHER SUBSTRATES

- Smooth Wood
- Leather
- Cardboard

TRANSFER CONDITIONS

Standard fabrics

15 sec. | 320°F 160°C | 44 PSI MEDIUM PRESSURE

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 colored with special inks. During the thermal transfer the color 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 colors have an excellent sublimation resistance even though they do not possess an extra blockout coating.

CERTIFICATES

OEKO TEX® STANDARD 100 D22-2125 Hohenstein HTTI

Product class 1
includes products for babies

V-LABEL INTERNATIONAL V-LABEL.COM VEGAN

PROCESSING

This product can be cut with all current plotters.

45° | luke warm warm | only NEON colors all other colors

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 colors can be layered up to 5 layers. NEON, METALLIC and GLOSS colors should only be used as top layer.

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

WASHABILITY

80°C | Tumble Dryer up to 212°F | Dry Cleaning

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.

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EUROPEAN MARKET LEADER

80 °C WASHABILITY

REAL MATTE FINISH

ENTIRE PRODUCTION IN-HOUSE

CAN BE CUT WITH LASER DEVICES

CHARACTERISTICS

- Excellent cutting and weeding
- Liner with high adhesion for safe positioning
- 12 colors and 2 finishes
- 3,9 mil 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

COLOR REFERENCE GUIDE

POLITAPE.US WEBSITE

RECOMMANDATIONS

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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