

POLI-TAPE®

POLI-FLEX® PUFF

Add volume and texture to your designs with POLI-FLEX® PUFF, the heat transfer vinyl that expands into a soft, raised surface when pressed. The result is a bold 3D look that makes lettering and shapes stand out.

Easy to cut, weed, and apply, POLI-FLEX® PUFF is ideal for larger elements and clean graphics, adding a fresh, tactile finish to apparel and accessories – with the proven durability and quality of POLI-TAPE.

With 3 different finishes, this range brings some volume to your fabrics

CONSTRUCTION

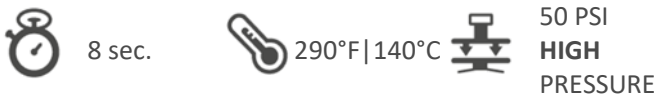
- Base Material: Matte Cast Polyurethane Film
- Adhesive: Polyester hotmelt
- Thickness: 3.1mil/80µm ± 10% before pressing
16mil/500µm ± 10% before pressing
- Liner: Self-adhesive PET 3.9mil/100µm

SUITABLE FABRICS

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

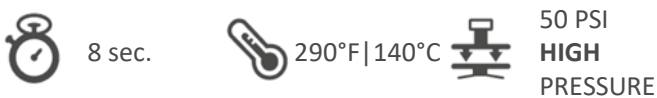
TRANSFER CONDITIONS

Standard & Neon:

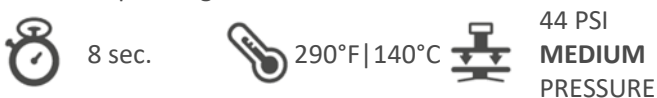


Metallics:

1. Pre-heating the garment 3 seconds
2. Pre-pressing the POLI-FLEX® PUFF film on garment:



3. Remove the liner / COLD peel
4. Cover with silicon paper
Post-pressing the POLI-FLEX® PUFF film



Application with a Crafters Hand Heat Press, will most likely not provide best results.

PROCESSING

This product can be cut with all current plotters.

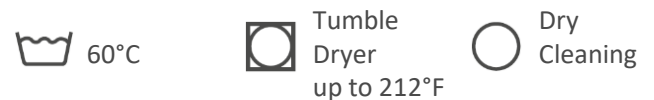


	Cricut	Silhouette
Material:	Iron-on	HTV, Smooth
Pressure:	Default	10
Blade:	Fine-Point	3
Speed:		8

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.

Minimum cutting size 2 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® PUFF

3D ADDS 3D LOOK TO ANY DESIGN

BRIGHT RANGE OF 16 COLORS

FILM WILL EXPAND INTO A 400-MICRON SOFT
RAISED 3D SURFACE

STANDARD, NEON & METALLIC FINISHES

CAN BE CUT WITH LASER DEVICES

CHARACTERISTICS

- Self-adhesive liner
- Suitable for light and dark fabrics
- Soft, pleasant textile touch
- Free of PVC, plasticizers, heavy metal and formaldehyde

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.



[POLITAPE.US WEBSITE](http://POLITAPE.US)

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