

## POLI-FLEX® COLOR UP

Ideal for creative hand-drawing with water colours, markers pens, fine liner or felt-tip pens but also suitable for printing on desktop inkjet and laser printers, COLOR UP is the best friend of the crafters.

Kids can draw on the material, which you then apply on a T-shirt for a birthday party or an event. No more need for a professional printing device! Use COLOR UP on your desktop inkjet or laser printer and - for example - create a shirt with a picture you made with your smart phone. Printing, painting or drawing, your imagination is the only limit.

### CONSTRUCTION

- Base Material: Cast Polyurethane Film
- Adhesive: Polyurethane Hotmelt
- Thickness: 140 µm
- Liner: Adhesive polyester 175µm

### SUITABLE FABRICS

- Cotton
  - Polyester
  - Poly-cotton
  - Polyester / Acrylic
- Nylon, sublimated and hydrophobic impregnated fabrics are not suitable with Color Up

### OTHER SUBSTRATES

- Wood
- Cardboard

### PAINTING/DRAWING - PRINTING

POLI-TAPE® COLOUR UP can be painted with most commercially available ink pens. Please do not use opaque white colours – neither pure nor mixed – when using watercolours.

POLI-TAPE® COLOR UP can be printed with most current inkjet and laser printers. With a laser printer always choose the print settings for the thickest possible matt material .

The film has excellent lay flat properties. After printing, cut your design with scissors or a CAD/CAM plotter.

Felt-tip pens, watercolours, acrylic or finger paints, wax crayons, gel or felt pens, fine liner, permanent markers, ballpoint pen or rubber stamp have successfully been used on POLI-TAPE® COLOR UP. Due to the variety of printers, as well as the multiple different composition of inks and colours, a compatibility test is always highly recommended.

The color may fade after the first wash as excess paint that was not absorbed by the film will be washed away.

### TRANSFER CONDITIONS



15 sec.



160°C



2,5 – 3 bar  
MEDIUM  
pressure

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

### PROCESSING

POLI-TAPE® COLOR UP can be cut with all current plotters.



45°



cold

Laser prints

Luke warm

all other options

For a matt homogeneous surface, transfer with POLI-TACK 870. **The Transfer Tape must be applied with strong pressure and squeegeed from both sides.** Before transfer, remove the liner of COLOR UP in an acute angle. After transfer the tape must be peeled off warm.

When transferring a laser print, apply 3 seconds and peel off the Transfer Tape cold before pressing 15 sec. while protecting the design with a silicone paper.

If no application tape is used for transfer, the printed surface must be protected by a silicone paper during the thermal transfer.

	Cricut	Silhouette
Material:	Iron-On	HTV, Smooth
Pressure:	Default	8 - 10
Blade:	Fine-point	2
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 recommended cutting size** 3 mm

### WASHABILITY



40°C



Tumble

Dryer

up to 100°C

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® COLOR UP

**HAND DRAWING: WITH WAX CRAYONS, GEL OR FELT-TIP PENS, FINE LINER, PERMANENT MARKERS, BALLPOINT PEN**

**PAINTING: WITH MOST WATERCOLOURS, ACRYLIC OR FINGER PAINTS, RUBBER STAMPS**

**PRINTING: WITH MOST INKJET AND LASER DESKTOP PRINTERS**

### CHARACTERISTICS

- Excellent cutting and weeding
- Very smooth and matt finish
- Thickness of 0,14 mm for perfect opacity
- Simple shapes can be transferred without transfer tape (use silicone paper or baking paper instead)
- Excellent wash resistance and longevity
- Comfortable textile soft 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.



**HEAT TRANSFER FILM CATALOGUE**

**CONTACT POLI-TAPE**

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