

POLI-FLEX® 4655 TRANSPARENT

WHEN WEEDING IS NOT YOUR OPTION, 4655 for WHITE FABRICS

Sometimes a design can not be weeded; too intricate or too much to weed. Our clear printable film POLI-FLEX® 4655 TRANSPARENT will be your solution! Simply mirror print on the adhesive side, cut a simple shape around the design and apply it with a heat press. The flex film protects the print. You don't even need Transfer Tape in the process.

POLI-FLEX® 4655 TRANSPARENT is a two-layer film coated with a hotmelt on the printable side. The upper side of the film after the application process is based on a clear, matt, UV-resistant polyurethane. With a thickness of 75 µm this PU-film offers a high wash resistance up to 60 °C. It is equipped with a non-adhesive PET-liner for direct transfer.

CONSTRUCTION

- Base Material: Cast Polyurethane Film
- Adhesive: Polyurethane hotmelt
- Thickness: 75 µm ± 10%
- Liner: Non-adhesive polyester 100µm

SUITABLE FABRICS

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

Nylon and textiles with a hydrophobic impregnation are not suitable for heat transfer with this product.

TRANSFER CONDITIONS

Standard fabrics



15 sec.



160°C



2,5 - 3
MEDIUM
pressure

When applied with a Crafters Hand Heat Press and depending on the texture of the fabric, slightly adapting time and pressure might be necessary

PRINTABILITY

POLI-FLEX® 4655 TRANSPARENT is compatible with all current printers using eco-solvent and solvent inks. Due to a special top coat, the matt film has an excellent washing-resistance.

Printing: mirror-inverted

PROCESSING

This product can be cut with all current plotters.



45°



Luke warm

Due to a special non-adhesive PET film liner, even small letters and motifs can be easily cut by all current CAD/CAM plotters after the printing process.

No Transfer Tape needed, after weeding the heat transfer is done with the original carrier which is also a protection cover during the heat transfer.

WASHABILITY



60°C



Tumble
Dryer

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® 4655 TRANSPARENT

TIME SAVING No need to weed the difficult design, just cut a simple shape around the motive.

HIGH WASH RESISTANCE UP TO 60°C

INK IS PROTECTED AS UNDERNEATH THE PU-FILM

CHARACTERISTICS

- Excellent cutting and weeding
- Non-adhesive liner for easy handling
- Suitable for light fabrics only
- Soft, pleasant textile touch
- Excellent wash resistance at 60 °C
- Free of: PVC, plasticizers, heavy metal and formaldehyde
- The raw materials are ecologically inert in accordance with OEKO-TEX STANDARD 100 Class I

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



HEAT TRANSFER FILM CATALOGUE



CONTACT POLI-TAPE

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