Product Information

Sublimation resistant, printable Polyurethane film (white) with a blockout interlayer. Suitable for bright and dark textiles.

POLI-FLEX 4010 is compatible with all current printers using ECO-solvent and solvent inks. The non-adhesive PET film liner allows even filigree motifs to be cut by all current CAD/CAM plotters after printing. To avoid a sublimation-migration we recommend that the garment is not pre-heated.

The film possesses a soft textile touch and has excellent cutting and weeding attributes. After the thermal transfer, a semi-matt finish with high resolution is achieved.

We recommend POLI-TACK 854 or POLI-TACK 853 for the application process.

The transfer film is used for motifs and logos on sport, leisure and work wear.

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

We recommend evaluation on test material.

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.

Standard Dimensions

500 mm x 25 m
1.000 mm x 25 m
1.524 mm x 25 m

Technical Data

Transfer Film: Polyurethane, cast with a blockout interlayer
Adhesive: Polyurethane-hotmelt
Thickness [mm]: 0.140 +/- 5 %
Liner: PET-film, non adhesive

Transfer Conditions

Temperature: 135° C
Pressure: 3.5 bar [medium pressure]
Time: 17 – 20 sec.

Wash Resistance / Printing

Wash resistance: 40° C
Only colour or mild detergent.
Wash textiles inside out.

Printing: True sided

Safety Datasheet

MSDS have not been prepared for these products, they are not subject to the MSDS requirements of the Occupational Safety and Health Administrations Hazard Communication Standard, 29 C.F.R.1910.1200 (b)(6)(v).

When used under reasonable conditions and in accordance with the Poli-Tape directions for use, these products do not present a health and safety hazard. However, use or processing of the products in a manner which is not in accordance with the directions for use may affect their performance and present potential health and safety hazards.

The following technical details are issued to the best of our knowledge, however, without any responsibility for results due to several different kinds of material and application processes. Therefore, we highly recommend that before every usage a test should be conducted on the original material.