Product Information

Heat-sealable, printable Polyurethane-film (transparent) suitable for white textiles.

POLI-FLEX 4655 is a two-layer transfer film being coated with a hotmelt on the non-covered printable side. The upper side of the film after the application process is based on a transparent, UV-resistant polyurethane.

POLI-FLEX 4655 is compatible with all current printers using ECO-solvent and SOLVENT inks. The PET liner allows even filigree motifs to cut by all current CAD/CAM plotters after printing. After weeding the heat transfer is done with the original carrier.

A matt PET-film on top of the image during the thermal transfer gives a brilliant semi-matt finish. After heat-transfer we recommend removing the PET-liner after a short period of cooling down to room temperature.

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.

Technical Data

Transfer Film: Polyurethane, cast
Adhesive: Polyurethane-hotmelt
Thickness [mm]: 0,075 +/- 5 %
Liner: PET-film, non adhesive

Transfer Conditions

Temperature: 155° - 165° C
Pressure: 3,5 bar [medium pressure]
Time: 17 – 20 sec.

Wash Resistance / Printing

Wash resistance: 60° C
Only colour or mild detergent.
Wash textiles inside out. Tumble dryable.

Printing: On reverse, mirror-inverted.

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.

Standard Dimensions

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