TURBO PRINT 4037 UV

Product Information

TURBO PRINT 4037 UV is a heat-sealable, printable PU textile transfer film (opaque white, 100 µ) suitable for light and dark textiles.

TURBO PRINT 4037 UV offers a high print resolution with a matt finish and has a pleasant soft textile touch. Due to a special top coat, the film offers an excellent washing-resistance. The transfer film is used for motifs and logos on sport, leisure and work wear.

TURBO PRINT 4037 UV is is suitable for transfer to textiles like cotton, polyester, uncoated nylon, mixtures of polyester/cotton and polyester/ acrylic. For application to Nylon that is treated with any kind of coating, please test for suitability.

TURBO PRINT 4037 UV is compatible with all current UV printers of the new generation. Due to a newly developed, self-adhesive PET film liner, even very small letters and motifs can be easily cut by all current CAD/ CAM plotters after the printing process.We recommend using POLI-TACK 854 and POLI-TACK 870 as a transfer tape and as a protection cover during the heat transfer. The PET liner should be removed luke warm.

The raw materials are ecologically inert, do not contain PVC, plasticizers or heavy metals.

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 10 m
500 mm x 25 m
750 mm x 25 m
1.524 mm x 25 m

Technical Data

Transfer Film:	Polyurethane, cast
Adhesive:	Co-polyester-hotmelt
Thickness [mm]:	0,10 +/- 10 %
Liner:	PET-film, self-adhesive

Transfer Conditions

Pressure:	2,5 - 3,0 bar [medium pressure]
Temperature / Time:	130 °C, 5 sec. / 150 °C, 4 sec. / 160 °C, 3 sec.

NYLON

Pressure:	2,0 bar [low pressure]
Temperature / Time:	150 °C, • Pre Heat 5 sec. • Apply to Nylon 5 sec. • Remove PET liner, cover transfer with silicon paper & apply for further 10 sec.

Please consider to adjust the application time when using highly structured cotton or cotton mixture fabrics.

Wash Resistance / Printing

Wash resistance:	60 °C Only colour or mild detergent. Wash textiles inside out. Suitable for tumble drying (commercial tumble dryer up to 100°C).
Printing:	True sided

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.

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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.