



## TURBO PRINT 4046 MATT

### Product Information

TURBO PRINT 4046 MATT is a heat-sealable, printable PU textile transfer vinyl (opaque white, 100 µm) suitable for light and dark textiles.

TURBO PRINT 4046 MATT offers a high print resolution with a matt finish and has a pleasant soft textile touch. Due to a special top coat, the vinyl offers an excellent washing-resistance. The transfer vinyl is used for motifs and logos on sport, leisure and work wear.

TURBO PRINT 4046 MATT 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 4046 MATT is compatible with all current printers using ECO-solvent, solvent and latex inks. Due to a newly developed, non-adhesive PET vinyl 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 as a transfer tape and as a protection cover during the heat transfer. The PET liner should be removed warm.

The raw materials are ecologically inert, do not contain PVC, plasticizers or heavy metals (in accordance with OEKO-TEX STANDARD 100 Class I).

#### 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

15" x 30yd

20" x 30yd

60" x 30yd

Other dimensions and special colours available on request.

### Technical Data

<b>Transfer Film:</b>	Polyurethane, cast
<b>Adhesive:</b>	Polyurethane-hotmelt
<b>Thickness [mm]:</b>	0,10 +/- 5 %
<b>Liner:</b>	PET-film, non-adhesive

### Transfer Conditions

<b>Pressure:</b>	medium pressure
<b>Temperature / Time:</b>	265° F, 5 sec. / 300° F, 4 sec. / 320° F, 3 sec.

#### NYLON

<b>Pressure:</b>	2,0 bar [low pressure]
<b>Temperature / Time:</b>	300° F, • 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

<b>Wash resistance:</b>	140° F Only colour or mild detergent. Wash textiles inside out. Suitable for tumble drying (commercial tumble dryer up to 212° F).
<b>Printing:</b>	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.