



TUBITHERM® PLT

Product Information

TUBITHERM® PLT is a high-quality heat transfer rayon flock based on viscose fibers or polyamide fibers. The brilliance and texture are due to high fibre density. TUBITHERM® PLT is based on ecologically harmless raw material and is free of PVC and plasticizer, in accordance to **OEKO-TEX® STANDARD 100 class I** (referred to certificate 07.0.50430).

TUBITHERM® PLT has excellent cutting and weeding properties and even detailed logos and extremely small lettering are cuttable. TUBITHERM® PLT can be used for lettering on clothes such as uniforms, sport & leisure wear as well as for textile design.

TUBITHERM® PLT can be cut with all current plotters. We recommend using a flock knife (60°). After weeding the cut flock is transferred by heat press. The PET liner should be removed warm. Afterwards we recommend pressing the material for another 2 sec. with the same parameters.

TUBITHERM® PLT has an excellent wash resistance of +60°C and it is suitable for dry-cleaning. After washing the flock surface is not affected with adherent fibres / fluff.

TUBITHERM® PLT bonds well to cotton, cotton/polyester-mixtures, natural and synthetic clothes. Nylon and textiles with a hydrophobic impregnation are not suitable for heat transfer.

Guarantee for secure and long-lasting bond of TUBITHERM® PLT is only given when following the specified temperature and pressure conditions.

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 / 500 mm x 10 m

Technical Data

Transfer Film:	Viskose-Rayon (Standard colors) Polyamide (Neon colors)
Adhesive:	Copolyester-hotmelt
Thickness [mm]:	0,50 +/- 10 %
Liner:	PET-film, self-adhesive

Transfer Conditions

Temperature:	160 °C
Pressure:	2,0 bar [medium pressure]
Time:	15 sec.

Wash Resistance

Wash resistance:	60 °C Only colour detergent. Suitable for dry-cleaning; Perchloroethylene (Tetrachloroethylene). Wash textile inside out.
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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.

POLI-TAPE Klebefolien GmbH

Zeppelinstraße 17
53424 Remagen – GERMANY

Phone: +49 2642 – 98 36 0
Fax: +49 2642 – 98 36 37

E-Mail: info@poli-tape.de
Internet: www.poli-tape.de

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.