

Product Information

POLI-MELT® TURBO 4900 is a hotmelt film that can be transferred quickly and gently at low temperatures and is covered with a self-adhesive liner.

POLI-MELT® TURBO 4900 is suitable for the bonding of different materials (substrates) by using temperature or for the transfer of hotstamping films. Fields of application are for example textile bonding, the application of iron-on labels, textile embroiderers or hotstamping films onto textiles as well as technical bonding.

POLI-MELT® TURBO 4900 can be cut with all current plotters. We recommend using a standard 45° knife. After weeding the cut hotmelt is transferred by heat press. The polyester liner should be removed warm.

Transfer of hotstamping films:

The desired motif is cut mirrored into the hotmelt. After weeding, POLI-MELT® TURBO 4900 is transferred onto the textile and the liner is removed. The hotstamping film is placed and pressed onto the textile. After cooling down, the hotstamping film is removed.

Bonding of textiles:

POLI-MELT® TURBO 4900 is transferred to the textile or substrate to be applied. The liner is removed and the textile to be applied is transferred to the second textile, e.g. T-shirt.

The raw materials are ecologically inert, do not contain PVC, plasticizers or heavy metals. Guarantee for a secure and long-lasting bond 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.

Technical Data

Adhesive:	Co-polyester-hotmelt
Liner:	PET-film, self-adhesive
Thickness [mm]:	0,042 +/- 10 %

Transfer Conditions

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

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

Wash Resistance

Wash resistance:	60° C
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The wash resistance depends on the wash resistance of the material applied with POLI-MELT® TURBO 4900.

Standard Dimensions

500 mm x 10 m
500 mm x 25 m
DIN A4 Sheets

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.

Safety information in accordance with Regulation (EU) 2023/988 on general product safety from the European Parliament can be found at www.poli-tape.de/safety.

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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.