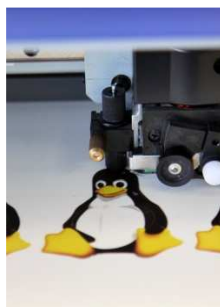


Application Instructions

TATOO SBB OPTIMA – Printable Flex Film for heavily migrating textiles



Print and cut

Polyester is dyed with dispersion or sublimation inks and heat. Starting at 130 °C, the polyester fibers open and the inks can dissolve in the polyester. Depending on the process used, or the quality of the inks, more or less of the ink remains on the surface of the fiber. These inks can then wander, “migrate”, to the surface of a transfer and discolor it.

Tatoo SBB Optima has a “catching layer” which catches wandering pigments and permanently binds them.

Tatoo SBB Optima is printable with solvent, ecosolvent and latex inks. It has a matte finish, high elasticity, and excellent touch. Even large designs can be applied without loss of wearing comfort.



Apply tape



Weed on the tape

The ink should be dry before the designs can be transferred using a tape, otherwise the print could potentially be smudged. Normally you don't have to wait, but depending on the ink used and the ambient conditions it can take up to five hours.

There are two options for transferring.

1. Using the conventional method, the designs are first weeded, and then the transfer film is applied.
2. Alternatively, the transfer film can first be applied to the entire surface after which the designs are weeded.

The cut and weeded scripts or designs are ironed on to the textiles for 18 - 20 seconds at 145 °C. The mounting film is then removed after a short cooling period, while still warm.



Remove liner, done!

Suitable Inks

Solvent, EcoSolvent, Latex, UV

Profile

TTRH – Garment Heat Transfer
Specific profile on request

Printer dryer

To be switched off

Cutting conditions

Blade: Relief angle 30 - 45°
Pressure: low/medium
Speed: ~40 cm/s

Tape

FlexTape or t-App

Transfer conditions

Temp.: 145 °C
Time: 18 - 20 s
Pressure: medium/high

Suitable Textiles

Cotton, Polyester, Blended fabric. Not suitable for nylon and other coated textiles.

Wash resistance

60 °C wash resistant

Packaging

50 cm x 10 m
75 cm x 10 m & 25m
150 cm x 25 m

Additional packaging upon request

Store in a cool and dry place; protect against the influence of light when stored. We recommend not to exceed a storage period of 12 months. The technical specifications rest on extensive tests and technical research. Due to the variety of possible influences during refinement, and use, the specifications should be viewed as reference values. We recommend a suitability test on the original material. A legally binding warranty of specific characteristics cannot be derived from our specifications.