

Thermo-FILM®

Thermo-FILM® can be applied to a number of fabrics and won't fade, peel, chip, or scratch. Thermo-FILM® provides a multitude of options for personalization. (PU 185 micron [+/-10%])



FEED MATERIAL
into cutter so that the carrier is on the bottom.



CUT LOGO,
words or numbers in reverse (*mirror image*).



WEED
away excess material leaving only the desired graphic on the carrier.



PREHEAT & POSITION
Preheat garment for 10 seconds, prior to application. Position weeded design on garment with the carrier side up.

(reads left to right)

Place a Kraft Paper cover sheet over carrier before pressing.



HEAT APPLY
Temperature:
330°F; 165°C
Time:
6-8 seconds
Pressure:
medium
#4 on Hotronix®



PEEL WARM
It is best to peel carrier away from garment as opposed to pulling the garment from the carrier.

Recommended Fabrics

100% cotton
100% polyester
Poly/cotton blends
Polyester knits
Polyester mesh
Sublimated Polyester
Poly/foam & cotton caps
Satin

Due to the combination of fabrics, weaves, coatings and dyes used in the textile industry, Stahls' recommends and provides samples of our materials and medias for testing.

Accessories Required

Magic Mask®
Kraft Paper or Teflon® Sheet
EZ Weeder® or Tweezers

Cutting Notes

You should always test cut prior to any production run. Remember cutter settings will need to be adjusted as your blade ages. For optimal cutting and weeding, maintain a line thickness of at least 1/8" (3mm) for lettering & logos. For detailed designs or smaller graphics, use CAD-CUT® Fashion-FILM™.

Application on sublimated Jersey's

Do NOT preheat the garment. Apply Thermo-FILM® at 300°F/149°C for 12-15 seconds—light pressure.

Care Instructions

Machine wash warm using mild detergent. Do not use bleach. Dry at a normal dryer setting on household machines. Do not iron directly onto this material. Thermo-FILM® can be dry cleaned.

Multi-Layered Designs

After preheating garment, position background, cover with Kraft Paper and press for 2-4 seconds. After peeling hot, align foreground, cover with Kraft paper. Repeat for additional colors. Finish with final application of 8-10 seconds.

Storage

Store in a cool, dry area. Avoid direct heat, sunlight and humidity.

CUTTER GUIDELINES

CUTTER	BLADE	FORCE	OFFSET	SPEED
Roland GX-24	60° / 45°	140-170g / 120-160g	.50 / .25	50cm/s
Ioline 100	45°	275-300g	.15	50%
Ioline 300	30°	180g	.15	25%

All technical information and recommendations are based on tests we believe to be reliable. However, we cannot guarantee performance for conditions not under manufacturer's control. Before using, please determine the suitability of product for its intended use. The user assumes all risk and liability whatsoever in connection with the use of this product. Seller's and manufacturer's only obligation shall be to replace such quantity of the product proved to be defective by manufacturer.

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