Chemica
HEAT TRANSFERS FOR TEXTILES

TECHNICAL DATASHEET
2026

HOTMARK SIR

THE HEAT TRANSFER VINYL DESIGNED FOR PERSONALIZING SUBLIMATED FABRICS.

Looking for a solution to prevent dye migration? HOTMARK SIR is designed for customizing sublimated polyester and dark-coloured fabrics while effectively blocking dye migration.

TECHNICAL DATA

COMPOSITION	PU
THICKNESS	100 µm
CARRIER	Transparent adhesive polyester carrier

CUT SETTINGS

SIDE	Mirror cut
CUTTING	45° flex blade

APPLICATION

TEXTILE	Cotton, polyester, polycotton, sublimated polyester
TIME & TEMPERATURE	150°C- 302°F / 20s
PRESSURE	Medium
PEEL	Cold peel

CERTIFICATIONS

OEKO TEX® STANDARD 100 CQ 909/2 IFTH www.oeko-tex.com — Excluding fluorescent colours and golden yellow: Yes

Vegan: Yes

REACH COMPLIANCE

PRODUCT HIGHLIGHTS

- Highly recommended for sublimated polyester sportswear, including junior garments.
- Ideal for applying names and numbers to sportswear.
- Perfect for intensive use and abrasion associated with sports activities.
- Highly durable.

CARE & MAINTENANCE

- Always follow the care instructions for the garment.
- Wash inside out to extend the design's life.
- Wait 24 hours after application for the first wash.
- Avoid using of aggressive products.
- Do not bleach.

WASHING	IRONING	TUMBLE-DRY
60°C / 140°F	Inside out only	Allowed

STEP BY STEP : HOW TO USE

STEP 1 - Perform a test cut using your cutting plotter.

STEP 2 - Mirror cut the heat transfer vinyl using a 45° flex blade.

STEP 3 - Weed the excess material and apply the design to the garment.

STEP 4 - Press and cold peel the carrier.

STORAGE

- Storage life recommendation is maximum one year.
- Store product in dry room at 15°-30°C/ 60°-85°F.
- Keep away from sunlight, store in a vertical position.

NOTE: We strongly recommend carrying out cutting, heat press and application tests before production.

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