Chemica
HEAT TRANSFERS FOR TEXTILES

TECHNICAL DATASHEET
2026

QUICKFLEX REVOLUTION®

THE ONLY WATER-BASED, ECO-FRIENDLY UNIVERSAL HEAT TRANSFER VINYL.

This soft, matte heat transfer vinyl can be applied to all fabrics, including nylon. Water-based and one of the most environmentally friendly HTVs available, it is easy to use and quick to apply.

TECHNICAL DATA

COMPOSITION	Water based PU
THICKNESS	90 µm
CARRIER	Transparent adhesive polyester carrier

CUT SETTINGS

SIDE	Mirror cut
CUTTING	45° flex blade

APPLICATION

TEXTILE	Cotton, polyester, polycotton, nylon fabrics
TIME & TEMPERATURE	Quick application : 140°C/284°F -5s Low temp. : 120°C/248°F - 20s Nylon : 1°: 140°C/284°F - 5s / 2°: 140°C/284°F - 15s
PRESSURE	Medium
PEEL	Cold peel or Hot peel

CERTIFICATIONS

OEKO TEX® STANDARD 100 CQ 909/2 IFTH www.oeko-tex.com	Vegan	REACH COMPLIANCE
Excluding gold colours	Yes	Yes

PRODUCT HIGHLIGHTS

- Water-based polyurethane (PU).
- Smooth and soft to the touch.
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- Suitable for all fabric types, including nylon.
- Easy to cut, weed and peel, whether hot or cold.

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 40°C / 104°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 peel the carrier hot or cold.

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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