

DATA SHEET



INDUSTRIAL WASHING



HEAT TRANSFER APPLICATION

RETHIOTEX® 26 800-01 is a segmented reflective heat transfer film that meets the EN ISO 20 471 after 70 industrial washing cycles at 75°C + tunnel drying at 160°C and approved by industrial laundries.

RETHIOTEX® 26 800-01 is ideal for mesh and waterproof garments; it combines comfort, safety and preserves their flexibility thanks to a seamless heat-transfer.



COMPOSITION

- Wide-angle reflective glassbeads: high and maintained retroreflection regardless the orientation.
- The whole, glassbeads + resin, is coated with a melt-adhesive solution which enables a simple and efficient sticking on many supports such as coated (PU, PU/PVC, PVC...), weaved (polyester, polyester/cotton...) or knitted fabrics on which it's important to check and confirm the application and care instructions to ensure an optimal adhesion.



COLOUR AND WEIGHT

- The tape is silver-grey and reflects white colour during the night.



RETHIOTEX® 26 800-01
reflective material only:
260 g/sqm +/- 10 g



USE

- Cutting:** scissors, press, paper cutter.



CONFORMITY

- High Visibility: EN ISO 20 471 (2013) + A1 (2016)**
 - After 70 cycles at 75°C – industrial washing (ISO 15 797: 2018).
 - After 70 cycles at 160°C – tunnel drying (ISO 15 797: 2018).
 - After 70 cycles at 60°C – domestic washing + drying (EN ISO 6330: 2012). Washing method N / Drying method F.
- After 50 cycles of dry cleaning (EN ISO 3175-2: 2010)**



COEFFICIENT OF RETROREFLEXION

Table 4 of the EN ISO 20471: 2013 + A1: 2016 – Test report AITEX 2022EP0044.

Entrance Angle \ Observation Angle	5° Mini EN ISO 20471	20° Mini EN ISO 20471	30° Mini EN ISO 20471	40° Mini EN ISO 20471
12°	466 330	479 290	472 180	434 65
20°	307 250	309 200	299 170	281 60
1°	29 25	33 15	45 12	45 10
1°30'	11 10	9 7	10 5	10 4

Values above are non-contractual.

Coefficient of Retroreflection $cd / (lx.m^2)$



HEAT-TRANSFER

SEE APPLICATION CONDITIONS

- Before any industrial production, ensure that tests have been made to validate the optimal heat-transfer conditions. We recommend you to also realize washing tests, folding and abrasion to control the good adhesion.
- When two or several batches or heat-transfer film rolls are used on the same surface, it is important to check that the colour and the outward appearance are alike to ensure a similar colour and reflection during both day and night.
- Before any heat-transfer production, check all the parameters related to materials to heat-transfer, which influence adhesion such as the weave, the roughness, the water-repellent treatment, the seam, the extra-thickness...
- Preheat the press or the heat-transfer tunnel.
- Be careful to textiles containing nylon and polythene. Also check if it is coated with silicone or fluor. These surface elements may cause important decreases concerning the RETHIOTEX® 26 800-01 heat transfer film's adhesion or even incompatibilities.



PRESERVATION

- Store the fabric rolls in a dark and cool place and use them in the year following their reception. Fabric rolls have to be stored in their original boxes..



WARNING

- Our instructions are made according to precise and reliable criteria; however, given the diversity of the RETHIOTEX® product's applications, the buyer has to ensure the compatibility of the RETHIOTEX® product with the final project (manufacturing, design, environment in which it will be used...).
- Each certification can be modified from time to time.

For more information, feel free to contact us.



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