

28 531

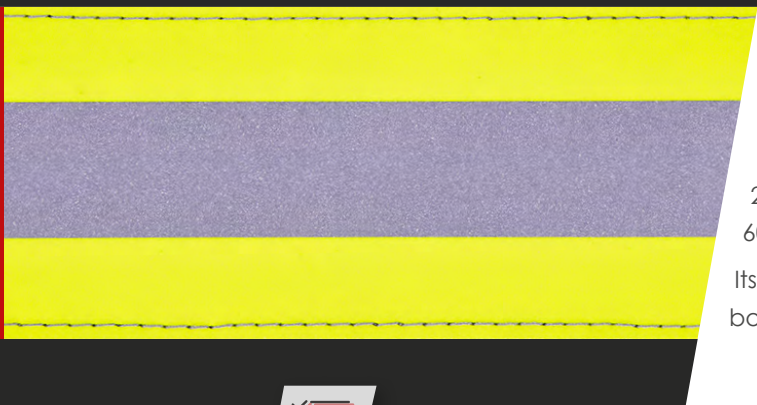
RETHIOTEX


**FLUORESCENT YELLOW-SILVER-YELLOW  
REFLECTIVE FABRIC**


FLAME RETARDANT



SEW-ON APPLICATION



RETHIOTEX® 28 531 is a flame retardant fluorescent Yellow-Silver-Yellow reflective tape to sew, ideal for fire fighters' garments and fireproof workwear.

For your multipurpose high visibility PPE, it meets the EN ISO 20471(2013) + A1 (2016) after 70 cycles of domestic washing at 60°C and 50 industrial washing cycles at 75°C.

Its fluorescent basis and its reflective stripes allow optimal visibility both day and night.


**COMPOSITION**

Wide-angle reflective glassbeads: high and maintained retroreflection regardless the orientation.

Substrate: 100 % cotton FR.


**COLOUR AND WEIGHT**

The tape is with fluorescent yellow basis + silver strip during the day and reflects a white colour in the night.



RETHIOTEX® 28 531:  
**560 g/sqm (+/- 15 g)**


**USE**

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


**CONFORMITY**
**High Visibility: EN ISO 20471 (2013) + A1 (2016)**

After 70 homewashing cycles at 60°C – (ISO 6330 : 2012). Washing method : 6N / Drying method : F.

After 50 industrial washing cycles at 75°C + tumble drying at 90°C (ISO 15797: 2018, washing method 8, drying method A).

After 50 dry cleaning cycles – (ISO 3175-2).

**Flame retardant properties: EN 469 (2020), EN ISO 14116 (2015), EN ISO 11611 (2015), EN ISO 11612 (2015)**

After 50 homewashing cycles at 60°C – (ISO 6330: 2012). Washing Method : 6N / Drying Method: F.

After 50 industrial washing cycles at 75°C + tumble drying at 90°C (ISO 15797: 2004, washing method 8, drying method B).

**Conform to the ISO 15384 - test at 260°C: as new and after 5 domestic washing cycles at 60°C (ISO 6330).**



## COEFFICIENT OF RETROREFLEXION

Table 4 of the EN ISO 20471 (2013) + A1 (2016) – Test report AITEX 2023EP6033.

Observation angle \ Entrance angle	5° Mini EN ISO 20471	20° Mini EN ISO 20471	30° Mini EN ISO 20471	40° Mini EN ISO 20471
12°	<b>597</b> 330	<b>563</b> 290	<b>544</b> 180	<b>491</b> 65
20°	<b>377</b> 250	<b>361</b> 200	<b>336</b> 170	<b>318</b> 60
1°	<b>51</b> 25	<b>54</b> 15	<b>59</b> 12	<b>52</b> 10
1°30'	<b>16</b> 10	<b>15</b> 7	<b>16</b> 5	<b>16</b> 4

Values above are non-contractual.

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



## SEW

When two or several batches or fabric 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.

To sew the RETHIOTEX® 28 531 fabric on any textile support, use a needle with rounded ends and sew at 2 mm from the edge, with around 4 points. We recommend the use of a flame retardant thread.



## 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.



## CARE

The user of the RETHIOTEX® 28 531 reflective tape shall read the item's maintenance guide and ensure these instructions are respected for an optimal product's lifespan.



## 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.

02/01/2025 FT TI 021 m. Photos and texts are not contractually binding.



Paper recycling

T2S - Z.I. La Vaure – B.P. 20930 – 42290 SORBIERS – France  
Tel.: +33 4 77 53 97 59 – Email: rethiotex@t2s.fr  
rethiotex.fr

