

# 28 531 AR

RETHIOTEX



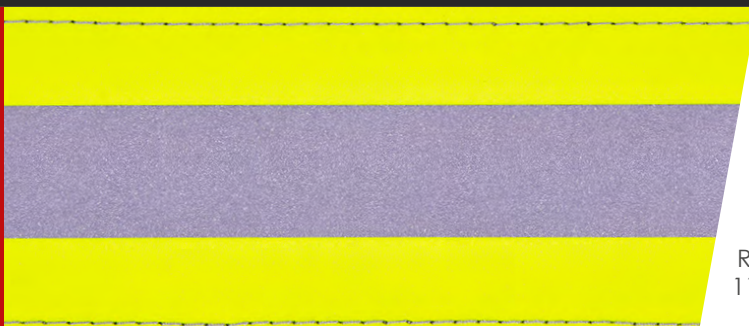
**FLUORESCENT YELLOW-SILVER-YELLOW REFLECTIVE  
FABRIC-ARAMIDE BACKING**



FLAME RETARDANT



SEW-ON APPLICATION



RETHIOTEX® 28 531 AR is a flame retardant reflective tape to sew, ideal for premium fire fighters' garments and fireproof workwear.

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

RETHIOTEX® 28 531 AR is conform to the standards ; ISO 14116, ISO 11612, ISO 11611, EN 469.



## COMPOSITION

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

Substrate: 100 % aramide.



## 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 AR:  
**430 g/sqm (+/- 15 g)**



## USE

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



## CONFORMITY

**Silver Grey reflective stripe: EN ISO 20 471 (2013) + A1 (2016)**

After 30 industrial washing cycles at 75°C + hot tunnel drying at 160° (ISO 15797: 2004). Washing method: No 8 / Drying method: B.

**Whole tape: EN 469 (2005), EN ISO 14116 index 3, EN ISO 11611, EN ISO 11612**

After 30 industrial washing cycles at 75°C + hot tunnel drying at 160° (ISO 15797: 2004). Washing method: No 8 / Drying method: B.



## COEFFICIENT OF RETROREFLEXION

Table 4 of the EN ISO 20471 (2013) + A1 (2016) – Test report SATRA N°SPC0351499/2324/4.

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>470</b> 330	<b>482</b> 290	<b>430</b> 180	<b>291</b> 65
20°		<b>316</b> 250	<b>321</b> 200	<b>300</b> 170	<b>229</b> 60
1°		<b>48,6</b> 25	<b>49,4</b> 15	<b>50,7</b> 12	<b>27,4</b> 10
1°30'		<b>17,9</b> 10	<b>16,8</b> 7	<b>18,3</b> 5	<b>23,1</b> 4

Values above are non-contractual.

Coefficient of Retroreflection cd / (lx.m<sup>2</sup>)



## 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 AR 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 AR 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.

10/02/2024 FT TI 050d. Photos and texts are not contractually binding.



Paper recycling

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