



# tesa® 51623 AT01



## Product Information

PET fleece tape for automated taping

## Product Description

tesa® 51623 AT01 is a tape for wire harness covering that is majorly applied in the passenger compartment. It combines important features such as noise damping and bundling strength while keeping harnesses flexible supporting an easy assembly process at the OEM. tesa® 51623 AT01 is specifically designed for semi-automated taping. Through its higher roll length, this product allows reduced setup times and higher efficiency in the production of wire harnesses.

## Product Features

- Solid noise damping performance
- Flexible and smooth appearance
- Tear resistant for secure bundling of harnesses
- Ageing resistance performance
- Stable unwind force for constant behavior when applying
- Conformity with DIN 72036

## Application Fields

- Designed for bundling and noise damping in passenger compartment
- Optimized for semi- and full-automated taping

## Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

## Product Construction

- |                    |              |                   |        |
|--------------------|--------------|-------------------|--------|
| • Backing          | PET fleece   | • Total thickness | 250 µm |
| • Type of adhesive | rubber based |                   |        |

## Product Assortment

- |                    |               |                     |      |
|--------------------|---------------|---------------------|------|
| • Available colors | black, orange | • Available formats | ROLL |
|--------------------|---------------|---------------------|------|

## Properties/Performance Values

- |   |         |                                   |                      |
|---|---------|-----------------------------------|----------------------|
| • Elongation at break                       | 20 %    | • Noise damping (LV312)           | Class C              |
| • Tensile strength                          | 45 N/cm | • Temperature resistance max.     | 105 °C               |
| • Abrasion resistance (10mm mandrel, LV312) | Class B | • Temperature resistance min.     | -40 °C               |
| • Abrasion resistance (5mm mandrel, LV312)  | Class A | • Unwind force (roll width > 9mm) | 10 N/roll (30 m/min) |
| • Hand tearability                          | yes     |                                   |                      |

For latest information on this product please visit <http://l.tesa.com/?ip=51623>



# tesa® 51623 AT01

## Product Information

### Adhesion to Values

- Steel 2 N/cm

## Storage Conditions

### Storage Conditions

- Storage temperature: 23 °C (+/- 2 °C)
- Storage humidity: 50 % (+/- 5 %)
- Product guarantee: tesa guarantees maximum shelf life of 12 months from date of dispatch (based on ISO 554)

## Additional Information

- Standard widths: 19, 25, 38 mm
- Standard length: 90 m
- Standard core diameter: 76 mm
- Max. outer diameter: 220 mm
- Further dimensions only available upon request

## Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

For latest information on this product please visit <http://l.tesa.com/?ip=51623>