



# tesa® 4549

## Product Information



Easy unwinding uncoated cloth tape

### Product Description

tesa® 4549 is a highly tear-resistant uncoated cloth tape. It is based on a 145 mesh rayon fabric backing and natural rubber adhesive.

tesa® 4549 is a very flexible and conformable tape. The low unwinding force makes it ideal for machine driven processes and a wide range of other applications.

Features:

- low unwinding forces, enhancing automatic dispensing
- good adhesion, even on rough surfaces
- adapts to uneven surfaces without creasing
- easy to write on, ideal marking tape
- very high tensile strength
- smooth and conformable
- available colors: black and white

### Sustainable Aspects

- 71% bio-based carbon content in total product (tested acc. to ASTM D6866-21 Method B)



For more information: <https://www.tesa.com/product-sustainability>

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### Application Fields

- Automatic machine sealing of buckets and tins
- Absorption of vibrations in the automobile and appliance industries
- Belting of electrical components, nails, screws, etc.
- Bundling of bars, rods and cables
- Reinforcement and securing of edges
- Cable harnessing
- Book binding

For latest information on this product please visit <http://l.tesa.com/?ip=04549>



# tesa<sup>®</sup> 4549

## Product Information

### Application Fields

- Glass sealing

### 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          | uncoated cloth | • Bio-based carbon                 | 71 %                |
| • Type of adhesive | natural rubber | content of liner (acc. ASTM D6866) |                     |
|                    |                | • Total thickness                  | 300 µm<br>11.8 mils |

### Properties/Performance Values

- |                       |                         |                                                                                   |                              |
|-----------------------|-------------------------|-----------------------------------------------------------------------------------|------------------------------|
| • Elongation at break | 12.5 %                  | • Easy to write on                                                                | yes                          |
| • Tensile strength    | 100 N/cm<br>57.1 lbs/in | • Mesh                                                                            | 145 count per square<br>inch |
| • Abrasion resistance | good                    | • Temperature resistance (30 min)                                                 | 140 °C<br>284 °F             |
| • Available as Spools | yes                     | • Temperature resistance<br>(removability from aluminum<br>after 30 min exposure) | 140 °C<br>284 °F             |
| • Easy to remove      | yes                     |                                                                                   |                              |

### Adhesion to Values

- |         |                        |
|---------|------------------------|
| • Steel | 3.6 N/cm<br>32.9 oz/in |
|---------|------------------------|



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## Product Information

### Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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.



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