



# tesa® 4541

## Product Information



Conformable uncoated cloth tape

### Product Description

tesa® 4541 is a highly tear-resistant uncoated cloth tape. It is based on a 145 mesh rayon fabric backing and natural rubber adhesive.

tesa® 4541 is a very flexible and conformable tape convenient for a wide range of applications.

Features:

- good adhesion even on rough and oily surfaces
- adapts to uneven surfaces without creasing
- easy to write on, ideal marking tape
- very high tensile strength
- smooth and conformable
- Classification according FMVSS 302: \*SE / NBR (self-extinguishing / no burn rate)
- available in 5 colors: black, white, grey, red, brown

### Sustainable Aspects



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

### Application Fields

- Manual and machine driven closure of heavy cartons, buckets and tins
- Sealing of film containers, junction boxes and gap closures
- Bundling of bars, rods and cables
- Cable harnessing
- Securing of edges
- Reinforcing of book covers
- Fixing of plastic clips to cable tubes
- Reinforcing of hockey sticks
- Various applications in animal health care for bandaging large and small animals



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### 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

- |   |                |                    |                     |
|---|----------------|--------------------|---------------------|
| • Total sustainable product content excl. liners                  | 87 %           | • Type of adhesive | natural rubber      |
| • Total bio-based carbon content excl. liners (acc. DIN EN 16640) |                | • Total thickness  | 270 µm<br>10.6 mils |
| • Backing material  | uncoated cloth |                    |                     |

### Properties/Performance Values

- |                               |                        |   |                               |
|-------------------------------|------------------------|---|-------------------------------|
| • Abrasion resistance         | good                   | • Easy to write on  | Yes                           |
| • Elongation at break         | 16 %                   | • Mesh  | 145 threads/inch <sup>2</sup> |
| • Tensile strength            | 90 N/cm<br>51.4 lbs/in | • Temperature resistance (removability from aluminum after 30 min exposure) | 130 °C<br>266 °F              |
| • Backing appearance (visual) | matt                   |   |                               |

### Adhesion to Values

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

### Additional Information

Complies with LV 312-1 Dielectric strength.

### 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.