



# tesa® 4185

## Product Information



High-temperature fineline tape for design painting in the automotive industry

### Product Description

tesa® 4185 is a thin and flexible, temperature resistant PVC fineline tape with a natural rubber adhesive and is designed for two-tone car body applications during OEM paint shop processes. The 100 µm thickness helps to give fine and exact color split lines in visible areas, such as the inner side of the car roof frame.

The soft PVC backing of tesa® 4185 allows the tape to be applied on narrow shapes or curves. With a temperature resistance of 160°C/1h, tesa® 4185 can also perfectly withstand most temperatures in automotive paint shops.

Standardized and customized applicators for tesa® 4185 are available to ensure efficient tape application.

### Product Features

- High temperature resistance for inline paint shop processes
- Thin design for visible edge line applications
- Good conformability with multidimensional surfaces
- Residue-free removal
- Applicators available for high application efficiency

### Application Fields

tesa® 4185 is suitable for various types of masking applications.

Example applications are:

- Two-tone painting at high temperatures in automotive paint shops
- Masking for highly visible edge lines
- Masking for high oven drying temperatures
- Masking applications in narrow curves

To ensure the highest performance possible, our aim is to fully understand your application (including the substrates involved) in order to provide the right product recommendation.



# tesa<sup>®</sup> 4185

## Product Information

### 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 material | PVC film       | • Total thickness | 100 µm |
| • Type of adhesive | natural rubber |                   |        |

### Properties/Performance Values

- |                       |         |                            |           |
|-----------------------|---------|----------------------------|-----------|
| • Elongation at break | 200 %   | • Flame retardance         | very good |
| • Tensile strength    | 25 N/cm | • Hand tearability         | very good |
| • Easy to remove      | yes     | • Suitable for die cutting | yes       |

### Adhesion to Values

- |         |          |
|---------|----------|
| • Steel | 3.1 N/cm |
|---------|----------|

## 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.



For latest information on this product please visit <http://l.tesa.com/?ip=04185>