

# tesa® 50103

## Product Information



PET - filmic tape for cable mounting in automotive interiors

### Product Description

tesa® 50103 is a PET filmic tape with an acrylic adhesive for applications in automotive interiors.

### Product Features

- Linerless
- Suitable for common irregular, rough and critical interior surfaces
- Often suitable without any kind of surface pretreatments
- Low and stable unwind force
- Can be used with automatic tape dispensers
- Tear resistant

### Application Fields

Cable mounting  
quick and secure fixation of flat and round cables

### 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 film | • Color             | transparent |
| • Type of adhesive | acrylic  | • Thickness of tape | 90 µm       |

### Properties/Performance Values

- |                       |           |                                     |           |
|-----------------------|-----------|-------------------------------------|-----------|
| • Elongation at break | 65 %      | • Static shear resistance           | medium    |
| • Tensile strength    | 45 N/cm   | • Suitable for rough surfaces       | very good |
| • Hand tearability    | low       | • Tack                              | good      |
| • Low VOC             | very good | • Temperature resistance short term | 160 °C    |

### Adhesion to Values

- |                                         |          |                                     |          |
|-----------------------------------------|----------|-------------------------------------|----------|
| • PET (initial)                         | 6 N/cm   | • PET fleece Headliner A (initial)  | 5.8 N/cm |
| • PET (after 3 days)                    | 7.2 N/cm | • PET fleece surface (after 3 days) | 4.1 N/cm |
| • PET fleece Headliner A (after 3 days) | 5.9 N/cm | • PET fleece surface (initial)      | 3.4 N/cm |

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### Additional Information

AF89 = handtearable

tesa's automation and application department provides customized equipment and self-designed application tools to enhance productivity.

Adhesion values to:

PET

PET fleece surface

PET fleece Headliner A

are not part of the product specification

### 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=50103>