



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.

Features:

- linerless
- suitable for common irregular, rough and critical interior surfaces
- often suitable without any kind of surface pretreatments
- tear resistant
- low and stable unwind force
- can be used with automatic tape dispensers

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 | PETP | • 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 |

For latest information on this product please visit <http://l.tesa.com/?ip=50103>



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Product Information

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 |

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

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