



# tesa<sup>®</sup> 50204 Low VOC



## Product Information

180 µm/7.08 mils tackified acrylic adhesive with hand-tearable PE backing for cable mounting applications in automotive interiors

## Product Description

tesa<sup>®</sup> 50204 is a hand-tearable PE filmic tape with a high performance acrylic adhesive and a thickness of 180 µm/7.08 mils for applications in automotive interiors. Due to its low VOC property, it is particularly designed to meet automotive interior requirements.

tesa<sup>®</sup> 50204 is especially designed for cable mounting on different kinds of automotive interior components.

### Main features

- Excellent shear and peel resistance
- Low VOC (according to GB 27630) – no critical substances detectable
- Suitable for common irregular, rough, and critical surfaces
- Low and stable unwind force
- Suitable for automatic tape dispensers
- Linerless

## Application Fields

tesa<sup>®</sup> 50204 is suitable for quick and secure fixation of flat and round cables to headliners via straight tape stripes.

## 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 | PE                | • Color             | blue-translucent   |
| • Type of adhesive | tackified acrylic | • Thickness of tape | 180 µm<br>7.1 mils |

## Properties/Performance Values

- |                       |                        |                                     |                  |
|-----------------------|------------------------|-------------------------------------|------------------|
| • Elongation at break | 28 %                   | • Static shear resistance           | very good        |
| • Tensile strength    | 17.5 N/cm<br>10 lbs/in | • Suitable for rough surfaces       | very good        |
| • Hand tearability    | very good              | • Tack                              | very good        |
| • Low VOC             | good                   | • Temperature resistance short term | 200 °C<br>392 °F |



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#### Adhesion to Values

• PET (initial)	8.7 N/cm 79.5 oz/in	• PET fleece Headliner A (initial)	7.8 N/cm 71.3 oz/in
• PET (after 3 days)	9 N/cm 82.2 oz/in	• PET fleece surface (after 3 days)	13 N/cm 118.8 oz/in
• PET fleece Headliner A (after 3 days)	7.4 N/cm 67.6 oz/in	• PET fleece surface (initial)	12.1 N/cm 110.5 oz/in

#### Additional Information

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<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=50204>