

tesa® 51217

Product Information



Thick sliding PE-UHMW tape for anti-squeak prevention and abrasion protection

Product Description

tesa® 51217 is a thick UV and abrasion resistant high density PE tape with excellent adhesive power. The product is optimized for the automotive industry to protect components, trim parts and harnesses against mechanical damage in combination with noise prevention.

Features:

- Transparency and UV resistance assist the application in the visible area
- Self-lubricating tape with very good sliding properties reduces wear and friction and prevents noise
- High energy absorption capacity even at high stress Levels

Application Fields

tesa® 51217 is especially designed for interior and exterior anti-squeak and abrasion protection at the assembly line to ensure a reliable:

- Masking of sharp-edged sheet-metal components
- Sliding of car roofs, slide doors, delicate components
- Prevention of noise and wear, e.g. from trim parts
- Protection of harnesses in high friction areas
- Application in visible areas e.g. bumper, B-pillar, wheel house

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 | PE | • Total thickness | 154 µm |
| • Type of adhesive | pure acrylic | • Color | black |
| • Type of liner | glassine | | |

Properties/Performance Values

- | | | | |
|-----------------------|---------|-----------------------|-----------|
| • Elongation at break | 350 % | • Abrasion resistance | very good |
| • Tensile strength | 63 N/cm | | |

Adhesion to Values

- | | |
|---------|----------|
| • Steel | 4.3 N/cm |
|---------|----------|

Additional Information

Very good UV resistance: > 1000h WOM Florida test

For latest information on this product please visit <http://l.tesa.com/?ip=51217>

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Additional Information

1000h WOM Florida test

The product is also available in black under 51217 PV1

The material can be supplied as die cuts in roll or sheets individually to customer specific dimensions under tesa® 54217 transparent or 54217 PV1 black

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

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.



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