



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 optimised 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 arch

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

Properties/Performance Values

- | | | | |
|--------------------|---------|-----------------------|-----------|
| • Tensile strength | 63 N/cm | • Abrasion resistance | very good |
|--------------------|---------|-----------------------|-----------|

Adhesion to Values

- | | |
|---------|----------|
| • steel | 4.3 N/cm |
|---------|----------|

Additional Information

Very good UV resistance: > 1000h WOM Florida test
The product is also available in black under 51217 PV1

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



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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 customised equipment and self-designed application tools to enhance productivity.

Disclaimer

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