

Product Information

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

tesa® 51207 is a thin 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

Main Application

tesa® 51207 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.

Technical Data

• Backing material	PE	• Elongation at break	340 %
• Color	transparent	• Tensile strength	53 N/cm
• Total thickness	114 µm	• Type of liner	glassine
• Type of adhesive	pure acrylic	• Thickness of liner	71 µm

Adhesion to

- steel 4.3 N/cm

Properties

- | | | | |
|-----------------------|------|-------------------------------|------|
| • Abrasion resistance | ●●●● | • Noise reducing | ●●●● |
| • Conformability | ●●●● | • Self-lubricating properties | ●●●● |

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

Additional Information

Very good UV resistance: > 1000h WOM Florida test
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The material can be supplied as die cuts in roll or sheets individually to customer specific dimensions under tesa® 54207

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

tesa® 51207

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Disclaimer

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