

tesa® 51207

Special gliding 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 gliding 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
- Gliding 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 Data

▪ Backing material	PE	▪ Adhesion to steel	4.3 N/cm
▪ Color	transparent	▪ Elongation at break	340 %
▪ Total thickness	114 µm	▪ Tensile strength	53 N/cm
▪ Type of adhesive	pure acrylic	▪ Type of liner	glassine

Properties

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|-----------------------|------|-------------------------------|------|
| ▪ 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

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.

For latest information on this product please visit <http://l.tesa.com/?ip=51207>

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