

Product Information

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

tesa® 51217 PV1 is a black 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:

- 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® 51217 PV1 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	350 %
• Color	black	• Type of liner	glassine
• Total thickness	154 µm	• Temperature resistance	90 °C
• Type of adhesive	pure acrylic		

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

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

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=NaN>

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