

tesa® 54337 PV1 Low VOC



Product Information

Precision die cuts for permanent automotive hole covering applications with optical requirements

Product Description

tesa® 54337 PV1 combines a strong PVC layer with a powerful acrylic adhesive. This product is optimized for the automotive industry to securely cover holes that require perfect optical appearance in combination with good sealing and abrasion resistance.

Main features:

- Excellent optical appearance for application in visible areas
- Very high abrasion resistance
- Low VOC according to VDA 278 analysis
- Good conformability to complex geometries
- Very good UBC (PVC) compatibility due to PVC backing
- Very good resistance to chemicals
- Secure adhesion to steel, aluminum, plastics, painted substrates, and reinforced plastic substrates in automotive lightweight constructions, e.g. CFRP

Application Fields

tesa® 54337 PV1 is suitable for different hole covering applications along the automotive production process.

Example applications are:

- At the assembly line for hole covering on all car body areas, e.g. door pillars or rocker panels
- Especially suitable for highly visible areas

To ensure the highest performance possible, our aim is to fully understand your application (including the substrates involved) in order to provide the right product recommendation.

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 | PVC film | • Total thickness | 450 µm |
| • Type of adhesive | tackified acrylic | | 17.7 mils |
| • Type of liner | glassine | • Color | black |
| | | • Color of liner | white |

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Properties/Performance Values

• Elongation at break	289 %	• Chemical Resistance	very good
• Tensile strength	109 N/cm	• Suitable for die cutting	yes
	62.2 lbs/in	• Temperature resistance (30 min)	110 °C
• Abrasion resistance	good		230 °F

Additional Information

tesa® 54337 PV1 can be supplied as die cuts in roll or sheets individually to customer specific dimensions.

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

According to VDA 278 analysis, tesa® 54337 PV1 does not contain any single substances restricted by the drafted GB regulations (China) as well as the indoor concentration guideline by JAMA (Japanese Automotive Manufacturers Association) and the Japanese Ministry of Health, Labor and Welfare Ministry (MHLW).

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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