



# tesa<sup>®</sup> 54337 PV1 Low VOC



## Product Information

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

## Product Description

tesa<sup>®</sup> 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.

## Product 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<sup>®</sup> 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 | • Color           | black  |
| • Type of liner    | glassine          | • Color of liner  | white  |



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## Product Information

### Properties/Performance Values

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

### Additional Information

tesa<sup>®</sup> 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<sup>®</sup> 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

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For latest information on this product please visit <http://l.tesa.com/?ip=54337>