



tesa[®] 54339

Low VOC



Product Information

Precision die cuts for permanent automotive exterior hole covering applications with easy quality control

Product Description

tesa[®] 54339 combines a strong PET layer with a powerful acrylic adhesive. This product is optimized for the automotive industry to securely cover holes that require excellent sealing properties in combination with very high temperature resistance.

To ensure secure and precise hole covering application, this product can be delivered with target printing on top of the transparent die cut.

Main features:

- High transparency for secure application
- Easy quality control
- Low VOC according to VDA 278 analysis
- Excellent puncture resistance and stone chipping protection
- Excellent temperature resistance up to 180°C/356°F
- Reliable corrosion protection
- Good paint anchorage and UBC (PVC) compatibility
- Very good resistance to chemicals
- Secure adhesion on steel, aluminum, plastics, painted substrates, and reinforced plastic substrates in automotive lightweight constructions, e.g. CFRP

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Application Fields

tesa[®] 54339 is especially suitable for different exterior hole covering applications along the automotive production process.

Example applications are:

- After e-coat where a good compatibility to UBC (PVC) and sealant is required, e.g. car body platform, wheel houses, engine compartment

For latest information on this product please visit <http://l.tesa.com/?ip=54339>



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Application Fields

- Before paint shop where good paint compatibility is essential
- At the assembly line for hole covering on all car body areas, e.g. pillars, rocker, front/rear floor

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 | PET film | • Total thickness | 260 µm |
| • Type of adhesive | modified acrylic | • Color | 10.2 mils |
| • Type of liner | glassine | | transparent |

Properties/Performance Values

- | | | | |
|-----------------------|-----------|-----------------------------------|--------|
| • Abrasion resistance | good | • Puncture resistance | 730 N |
| • Chemical Resistance | very good | • Temperature resistance (30 min) | 180 °C |
| | | | 356 °F |

Additional Information

tesa[®] 54339 is also available as PV1 version: 520µm/20.5 mils, Peel adhesion/Steel: 6,5 N/cm(59.4 oz/in)
Technical data stated is only valid for 54339 PV0.

tesa[®] 54339 is available upon request in customer specific dimensions and can be delivered according to customer requirements and applications in either roll or sheet form.

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

According to VDA 278 analysis, tesa[®] 54339 PV0 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).



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Disclaimer

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