

tesa® 54657 Low VOC

Precision die cuts for permanent automotive hole covering applications with high temperature resistance

tesa® 54657 combines a flexible premium cloth layer with a temperature resistant natural rubber adhesive. This product is optimized for the automotive industry to securely cover holes that require excellent sealing properties in combination with very good conformability and temperature resistance.

Main features:

- Excellent temperature resistance up to 180°C
- Superb conformability to complex geometries
- Low VOC according to VDA 278 analysis
- Secure adhesion to almost any substrates
- Good paint and UBC (PVC) compatibility
- Good resistance to chemicals
- Good mechanical properties with respect to abrasion, puncture, and aging resistance
- Repositionable

Main Application

tesa® 54657 is suitable for different 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
- Before paint shop where good paint compatibility is essential
- At the assembly line for interior 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 Data

▪ Backing material	acrylic-coated cloth	▪ Tensile strength	105 N/cm
▪ Color	gray	▪ Type of liner	paper
▪ Total thickness	290 µm	▪ Temperature resistance (30 min)	180 °C
▪ Type of adhesive	thermosetting natural rubber	▪ Puncture Resistance	350 N
▪ Elongation at break	7.5 %		

For latest information on this product please visit <http://l.tesa.com/?ip=54657>

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Properties

- | | | | |
|-----------------------------|---------|------------------|---------|
| ▪ UBC / Paint Compatibility | ● ● ● ● | ▪ Conformability | ● ● ● ● |
| ▪ Abrasion resistance | ● ● ● ● | | |
| ▪ Resistance to chemicals | ● ● ● | | |

Evaluation across relevant tesa® assortment: ● ● ● ● very good ● ● ● good ● ● medium ● low

Additional Information

tesa® 54657 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® 54657 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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