



# tesa<sup>®</sup> 54718

## Paintable Noise Blocker

### Product Information

Optimum acoustic insulation die cut for permanent automotive hole covering applications with excellent paintability

### Product Description

tesa<sup>®</sup> 54718 Paintable Noise Blocker combines a mineral filled polyolefin layer with a premium cloth top layer and a powerful acrylic adhesive. This product is optimized for the automotive industry to securely cover holes that require excellent acoustic insulation in combination with very good sealing properties.

### Main features

- \* Excellent acoustic insulation due to high area density of 1.8 kg/m<sup>2</sup>
- \* Very good paint anchorage and UBC (PVC) compatibility
- \* High temperature resistance up to 160°C
- \* Good sealing properties
- \* Good resistance to chemicals on cloth side
- \* Secure adhesion to steel, aluminum, plastics, painted substrates, and reinforced plastic substrates in automotive lightweight constructions, e.g. CFRP

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### Application Fields

tesa<sup>®</sup> 54718 is suitable for different hole covering applications along the automotive production process.

Example applications are:

For latest information on this product please visit <http://l.tesa.com/?ip=54718>



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#### Application Fields

\* 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 hole covering on all car body areas, e.g. 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	polyolefin	• Total thickness	1350 µm
• Type of adhesive	modified acrylic	• Color	grey
• Type of liner	glassine		

#### Properties/Performance Values

• Elongation at break	7.5 %	• Puncture resistance	400 N
• Tensile strength	105 N/cm	• Temperature resistance (30 min)	160 °C
• Chemical Resistance	good		

#### Additional Information

tesa<sup>®</sup> 54718 can be supplied as die-cuts in roll or sheets individually to customer specific dimensions.

Our application process engineers support with customized equipment and self-designed application tools to enhance productivity.

According to VDA 278 analysis, tesa<sup>®</sup> 54718 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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