



tesa[®] 54718

Paintable Noise Blocker

Product Information

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

Product Description

tesa[®] 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.

Product Features

- Excellent acoustic insulation due to high area density of 1.8 kg/m²
- 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

Application Fields

tesa[®] 54718 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 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 | gray |
| • Type of liner | glassine | | |

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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[®] 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[®] 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).

Disclaimer

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