

Product Information

Precision die cuts for permanent hole covering of venting holes

tesa® 54321 is a thick PET-fleece with acrylic adhesive. This product is optimized for the automotive industry to cover venting holes.

The product is designed as a die cut, where the inner ring zone is free of adhesive to generate the venting effect. The outer ring zone is coated with a strong adhesive to ensure permanent bonding.

Features:

- High air permeability (DIN EN ISO 9237): $\geq 2360 \text{ L/m}^2\text{s}$
- Strong adhesive ensures permanent bonding even at high stress
- Thick PET-fleece prevents PU-foam from oozing out during infusion process
- Reduces cleaning and rework

Main Application

Expanding PU-foams are often used to reduce NVH (noise, vibration, harshness) and provide additional stiffness by local reinforcement of body structures for crash and energy management.

tesa® 54321 venting tape prevents squeezing out of the PU-foam during the infusion and foaming process by allowing air flow through the non-coated fleece backing and thereby avoiding excess pressure.

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Technical Data

| | | | |
|--------------------|--------------------------------|--------------------|-------------------|
| • Backing material | PET fleece | • Type of adhesive | tackified acrylic |
| • Color | white | • Type of liner | glassine |
| • Total thickness | 690 μm 27.2 mils | | |

Adhesion to

| | |
|-------------------|------------------------|
| • Steel (initial) | 8.5 N/cm 77.7 oz/in |
|-------------------|------------------------|

Additional Information

Value of peel adhesion is based on the part of the product that is equipped with an adhesive tape. The value for the finished product can differ.

In addition to our standard product we offer 54321 PV1 version. 54321 PV1 is equipped with a special release liner for paint shop applications. Our product solutions can also be customized with finger tabs.

tesa® 54321

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Disclaimer

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