



tesa[®] 54657

Low VOC

Product Information

Precision die cuts for permanent hole covering applications

Product Description

tesa[®] 54657 die cuts are made of a high quality acrylic paste cloth based on a 145 mesh woven cotton fabric and coated with a thermosetting natural rubber adhesive. Die cuts are supplied on a 70 µm yellow glassine liner.

Features:

- Temperature-resistant up to 180 °C
- Very ageing-resistant
- Repositionable
- Excellent conformability to three dimensional surfaces
- Very good UBS (PVC) and paint compatibility
- Good mechanical properties with respect to abrasion and puncture resistance

Product 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

Application Fields

tesa[®] 54657 die cuts are suitable for permanent and temporary exterior and interior hole covering applications. This high performance cloth tape fits to all PVC or paint oven drying processes up to 180 °C.

Application areas:

- After electrophoretic paint where good compatibility and anchoring to UBS (PVC) and sealant is required, e. g. car body platform, wheel house, engine compartment
- Before paint shop where good paint compatibility is essential, e. g. A/B- pillar, sills, trunk
- At assembly line for exterior and interior hole covering on all car body areas



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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	Acrylic-coated cloth	• Total thickness	290 µm
• Type of adhesive	thermosetting natural rubber	• Color	grey
• Type of liner	paper		

Properties/Performance Values

• Elongation at break	7.5 %	• Chemical Resistance	good
• Tensile strength	105 N/cm	• Puncture resistance	350 N
• Abrasion resistance	very good	• Temperature resistance (30 min)	180 °C

Additional Information

tesa[®] die cuts offer:

- Workability: fast and easy handling
- Variety: manual or automatic application, accurately fitting and dimension-stable
- Time saving: shorter working cycles and rationalisation of complete production processes
- Cost reduction: Less cutoff and waste during production

We would like to recommend our stock assortment which includes the following dimensions:

circles: Ø 15 / 19 / 30 / 40 / 50 mm

square: 30 x 30 mm

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.



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Disclaimer

tesa[®] products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa[®] product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



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