

# tesa® 54657

Precision die cuts for permanent hole covering applications

## PRODUCT INFORMATION

### 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

### Main Application

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

### Technical Data

■ Backing material	acrylic-coated cloth	■ Elongation at break	7 %
■ Total thickness	290 µm	■ Tensile strength	108 N/cm
■ Type of adhesive	thermosetting natural rubber	■ Temperature resistance (30 min)	180 °C
■ Adhesion to steel	4.6 N/cm	■ Mesh	145 count per square inch

### Properties

■ Hand tearability	++	■ Certified according to	all major OEMs
■ Straight tear edges	++	■ Abrasion resistance	++
■ Easy to remove	yes	■ Water resistance	+
■ Easy to write on	yes	■ Abrasion resistance	++
■ Suitable for die cutting	yes		

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

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

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#### Additional Info

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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