



tesa® 54335

Product Information



Sealing Patch for hole covering applications

Product Description

tesa® 54335 PunctureGuard combines a strong etched PET layer with a thick acrylic adhesive sealer. This product is optimized for the automotive industry to cover exterior holes that require excellent puncture resistance, reliable paint anchorage and perfect sealing in combination with best stone chipping protection even under harsh conditions.

Product Features

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Application Fields

tesa® 54335 PunctureGuard can be applied before and after paint shop along the automotive production process, e.g. in underbody and floor areas, engine compartments and wheel houses.

Main product features:

- Excellent puncture resistance
- Stone chipping protection even at lowest temperatures
- Reliable corrosion protection and sealing against water ingress
- Good acoustic insulation properties for higher drive comfort
- Temperature resistance (dimensional stability) up to 160 °C
- Good UBC (PVC) compatibility and reliable paint anchorage
- Secure adhesion to steel, aluminum, plastics, painted substrates, and reinforced plastic substrates in automotive lightweight constructions

Our aim is to fully understand your application (including the substrates involved) in order to provide the right product recommendation and to ensure the highest performance possible.

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 material | PET | • Type of liner | PE-coated paper |
| • Type of adhesive | modified acrylic | • Colour | grey |

Properties/Performance Values

- | | |
|-----------------------|--------|
| • Puncture resistance | 1000 N |
|-----------------------|--------|

For latest information on this product please visit <http://l.tesa.com/?ip=54335>



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Additional Information

Puncture resistance acc. tesa® JOPM0232, measured from backing side 24 h after application at room temperature:

Test climate = $23 \pm 1^\circ\text{C}$ / $50 \pm 5\%$ relative humidity

Substrate = e-coated panel, 0.7 mm thickness and hole diameter of 30 mm

Patch diameter = 50 mm

Pin diameter = 20 mm

Pressurization = 4 kg roll, 5 x back and forth

Test speed = 300 mm/min

tesa® 54335 PunctureGuard is available upon request in customer specific patch dimensions can be delivered according to customer requirements and applications in either roll or sheet form.

Also available as:

- tesa® PunctureGuard 54335 PV0 in 990 μm
- tesa® PunctureGuard 54335 PV2 in 1690 μm

We support your individual application process with tesa designed dispensing solutions to ensure a quick and reliable sealing of holes in the car body.

By fitting your robot with the best end arm tooling we enable a smart automation concept in your production site. Ask for our tesa® EfficienSeal dispensing tool to ensure a highly efficient and automated patch application.

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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