



tesa® 54335 PunctureGuard



Product Information

tesa® PunctureGuard - highest puncture resistance sealing patch for hole covering applications

Product Description

tesa® PunctureGuard 54335 combines a strong PET layer with a thick acrylic adhesive sealer. This product is optimized for the automotive industry to cover exterior holes ensuring excellent paint anchorage, perfect sealing and best stone chipping protection even under harsh outdoor conditions after closure. In combination with our tesa® EfficienSeal automated dispensing tool we ensure a highly efficient and automated patch application.

Main features:

- Reliable corrosion protection as e.g. punch burrs will be securely covered and sealed
- Excellent stone chipping protection even at lowest temperature
- High temperature resistance up to 160°C
- Excellent puncture resistance
- Very good paint anchorage and UBC (PVC) compatibility
- Good acoustic insulation properties for higher drive comfort
- Very good resistance to chemicals
- Secure adhesion to steel, aluminum, plastics, painted substrates, and reinforced plastic substrates in automotive lightweight constructions, e.g. CFRP

Product Features

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.

Application Fields

tesa® PunctureGuard 54335 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 exterior hole covering on all car body areas, e.g. pillars, rocker, front/rear floor
- Especially suitable for highly visible areas when painted

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

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Technical Information (average values)

used for specification purposes.

Product Construction

• Backing	PET	• Total thickness	990 µm
• Type of adhesive	modified acrylic	• Color	grey
• Type of liner	PE-coated paper		

Properties/Performance Values

• Puncture resistance	1000 N
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Adhesion to Values

• Steel	12 N/cm
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Additional Information

Also available as:

- tesa[®] PunctureGuard 54335 PV1 in 690 µm
- tesa[®] PunctureGuard 54335 PV2 in 1690 µm

Rolls with customer specific patch dimensions can be delivered according to customer requirements and applications.

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 side. Ask for our tesa[®] EfficienSeal dispensing tool to ensure a highly efficient and automated patch application.



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