

tesa® 54333



Transparent Sealing Patch

Product Information

Transparent Sealing Patch for permanent automotive exterior hole covering applications

tesa® 54333 Transparent Sealing Patch combines a flexible etched PET layer with an transparent acrylic sealer. This product is optimized for the automotive industry to securely cover exterior holes that require excellent paint anchorage, perfect sealing, and high conformability to uneven surfaces.

Main features

- Milky transparent design for correct placement and quality assurance
- Reliable corrosion protection, e.g. punch burrs will be securely sealed by the transparent acrylic sealer
- High flexibility for optimum application on complex surfaces
- Suitable to apply before and after paint shop
- Excellent temperature resistance (no shrinkage) up to 190°C
- Very good puncture resistance
- Very good paint anchorage and UBC (PVC) compatibility
- Very good resistance to chemicals
- Secure adhesion to steel, aluminum, plastics, painted substrates, and reinforced plastic substrates in automotive lightweight constructions, e.g. CFRP

Main Application

tesa® 54333 Transparent Sealing Patch is suitable for different hole covering applications along the automotive production process. It can be applied before paint shop where good paint compatibility is essential as well as after e-coat where a good compatibility to UBC (PVC) and sealant is required. This product is 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 used for specification purposes.

Technical Data

| | | | |
|--------------------|-------------|-----------------------------------|--------|
| • Backing material | PET | • Type of liner | paper |
| • Color | translucent | • Temperature resistance (30 min) | 190 °C |
| • Total thickness | 550 µm | • Puncture Resistance | 600 N |
| • Type of adhesive | acrylic | | |

Adhesion to

- steel 10.0 N/cm

For latest information on this product please visit
<http://l.tesa.com/?ip=54333>

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Properties

- UBC / Paint Compatibility
- Humidity Sealing



- Conformability



Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

Additional Information

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. As for our tesa® EfficienSeal automated 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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