

tesa® 54349PV2

85% black PCR PET



Product Information

Sealing patch for automated hole covering applications with sustainable content

Product Description

tesa® 54349 PV2 combines a strong matt black PET backing, consisting of 85% post-consumer recycled (PCR) content, with a high-performance acrylic adhesive. Engineered for automotive OEM applications, it ensures secure hole closure with outstanding sealing properties and exceptional temperature resistance during paint shop processes. The specially treated PET backing enables excellent underbody coating (UBC) and paint anchorage, supporting long-term durability and corrosion protection. For maximum process efficiency and precision, the product is fully compatible with tesa® automated hole covering equipment, enabling seamless integration into modern production lines.

Product Features

- 85% post-consumer recycled (PCR) PET content in backing
- Reliable corrosion protection and water-tight sealing even under harsh conditions
- Superb puncture resistance for robust performance
- Excellent UBC (PVC) compatibility and reliable paint anchorage
- Excellent temperature resistance up to 160°C
- Secure adhesion to steel, aluminum, plastics, painted substrates, and reinforced plastic substrates used in automotive lightweight constructions

Application Fields

- Exterior holes in underbody or wheel arch areas which are later covered with UBC (e.g. PVC)
- Openings in battery packs of electric vehicles
- Interior holes such as A-pillars, doors, and floor panels
- Application before and after paint shop along the automotive production process
- Seamless integration with tesa® automated hole covering equipment for ergonomic and consistent application

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	PET	• Type of adhesive	modified acrylic
• Post-consumer recycled content of backing	85 %	• Color	black

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Product Information

Properties/Performance Values

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|---|----------------------|--|-----------|
| • Area weight | 340 g/m ² | • Puncture resistance on e-coat, backing side (30 min; 160 °C) | 1100 N |
| • Chemical Resistance | very good | • Sealing performance (IPX7 acc. ISO 20653:2023-08) | yes |
| • Puncture resistance on e-coat, adhesive side (24 h; RT) | 250 N | • Temperature resistance (30 min) | 160 °C |
| • Puncture resistance on e-coat, adhesive side (30 min; 160 °C) | 300 N | • UBC / Paint compatibility | very good |
| • Puncture resistance on e-coat, backing side (24 h; RT) | 1200 N | | |

Adhesion to Values

- Steel (initial) 10 N/cm

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.



For latest information on this product please visit <http://l.tesa.com/?ip=54349PV2DC>