



# tesa<sup>®</sup> 54994

## Product Information



Permanent Protection against abrasion, corrosion and stone-chipping

### Product Description

The die-cuts consist of a highly transparent aliphatic polyurethane film with a strong permanent adhesive acrylic compound.

### Product Features

- Highly transparent product design
- Perfect optical clarity makes the film virtually invisible when applied to painted surfaces
- Resistant and durable against mechanical and environmental forces
- Additional topcoat provides outstanding gloss and enhances its exterior durability
- long-term UV resistance and self-healing properties without turning yellow over the vehicle's lifetime
- Good conformability makes it ideal for curves and complex surface geometries
- Dimension stability and die-cuttablity
- Compatible with several paint and clearcoat systems
- customized die-cut solutions with visual positioning features help the workers to determine the exact position

### Application Fields

The die-cuts are applied to permanently protect surfaces against corrosion and exposure to shock and heavy loads as well as mechanical damages through abrasion and scratches.

The film is developed particularly for external application in the automotive industry and is specifically suited for use on painted surfaces.

### 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          | PU film  | • Total thickness | 260 µm      |
| • Type of adhesive | acrylic  | • Color           | transparent |
| • Type of liner    | PET film |                   |             |

### Properties/Performance Values

- |                       |           |                                   |       |
|-----------------------|-----------|-----------------------------------|-------|
| • Elongation at break | 340 %     | • Temperature resistance (30 min) | 90 °C |
| • Chemical Resistance | very good |                                   |       |

### Additional Information

\*Values stated are based on 54994 PV0 product version.

The die cuts are delivered according to individual customer requirements and applications, in either roll form or as sheets. Delivery with protective film on top and finger lift available on request.

For latest information on this product please visit <http://l.tesa.com/?ip=54994>



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### Additional Information

Standard Products (total thickness):

tesa<sup>®</sup> 54994PV0 - 260µm

tesa<sup>®</sup> 54994PV3 - 360µm

Further material thicknesses on request

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=54994>