



# tesa® 54994

## Product Information



## Parmanent Paint Protection Die-Cuts

### Product Description

tesa® 54994 are customized die-cut solutions based on material of tesa® 52994

tesa® 52994 is a single sided transparent protection film with a clear gloss aliphatic polyurethan backing, a permanent acrylic adhesive and a polyester liner.

We are specialized in customizing the shapes and sizes of our products according to individual specifications and customer preferences.

### 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-cuttability
- 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

Depending on the car design, there are certain areas that are highly vulnerable to mechanical damage, scratches and corrosion. tesa® 54994 Permanent Paint Protection Films can be applied to protect these high impact areas of the vehicle without changing its design features.

tesa® 54994 is applied to permanently protect sensitive surfaces against strong mechanical forces in interior and exterior applications. It is specially designed for permanent paint protection against stone chipping, abrasion, scratches and corrosion in automotive applications e.g.

- wheel arches
- door edges
- side skirts
- door sill trims
- trunk edges
- front and rear bumpers
- VIN labels
- ...

Due to its good conformability, it can be applied to even and slightly curved surfaces.

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



# tesa<sup>®</sup> 54994

## Product Information

### 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

tesa<sup>®</sup> 54994 is available in different thicknesses

- tesa<sup>®</sup> 54994 PV5 - 187 µm
- tesa<sup>®</sup> 54994 PV0 - 260 µm
- tesa<sup>®</sup> 54994 PV3 - 360 µm

For more details, please refer to product information of tesa<sup>®</sup> 52994 PV0, PV3 and PV5.

### Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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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