



# tesa® 52994

## Product Information



### Permanent Surface Protection Film

#### Product Description

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

#### Product Features

- Highly transparent product design
- Resistant and durable against mechanical and environmental forces
- 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

#### Application Fields

tesa® 52994 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.

#### 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 | 360 µm      |
| • Type of adhesive | acrylic | • Color           | transparent |
| • Type of liner    | PET     | • Color of liner  | translucent |



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### Product Assortment

|                     |              |                         |  |
|---------------------|--------------|-------------------------|--|
| • Available formats | 50m x 1245mm | • Available thicknesses | 187 µm (tesa® 52994 PV5), 260 µm (tesa® 52994 PV0), 360 µm (tesa® 52994 PV3) |
|---------------------|--------------|-------------------------|--|

### Properties/Performance Values

|                       |           |                                   |        |
|-----------------------|-----------|-----------------------------------|--------|
| • Tensile strength    | 134 N/cm  | • Scratch resistance              | medium |
| • Abrasion resistance | yes       | • Suitable for die cutting        | yes    |
| • Chemical Resistance | good      | • Temperature resistance          | yes    |
| • Conformability      | very good | • Temperature resistance (30 min) | 90 °C  |
| • Matt surface finish | no        |                                   |        |

### Storage Conditions

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If stored under proper conditions, product retains its performance and properties for 12 months from date of delivery.

### Additional Information

Customized shapes and sizes as die cut solutions are available as tesa® 54994.

### 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=52994>