



# tesa<sup>®</sup> 52994 PV 0



## Product Information

Permanent Protection against abrasion, corrosion and stone-chipping

## Product Description

tesa<sup>®</sup> 52994 consist of a highly transparent aliphatic polyurethane film with a strong permanent adhesive acrylic compound.

## 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-cuttability
- Compatible with several paint and clearcoat systems

## Application Fields

tesa<sup>®</sup> 52994 is 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 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     | • Color of liner  | translucent |

## Product Assortment

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



# tesa<sup>®</sup> 52994 PV 0

## Product Information

### Properties/Performance Values

• Elongation at break	340 %	• Matt surface finish	no
• Tensile strength	90 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

## Storage Conditions

### Storage Conditions

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

### Additional Information

tesa<sup>®</sup> 52994 is delivered according to individual customer requirements and applications in roll form between  $\geq 10$  mm and  $\leq 200$  mm width.

Standard Products (total thickness):

tesa<sup>®</sup> 52994PV0 - 260 $\mu$ m

tesa<sup>®</sup> 52994PV3 - 360 $\mu$ m

## 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.



For latest information on this product please visit <http://l.tesa.com/?ip=52994>