



# tesa® 4952

## Product Information



### Double-sided PE-foam tape

### Product Description

tesa® 4952 is a double-sided tape consisting of a conformable white closed cell PE-foam backing and a shear resistant modified acrylic adhesive. It is suitable for outdoor use.

tesa® 4952 features especially:

- High immediate bond on rough surfaces
- Good compensation for design tolerances
- Leveling out of different thermal expansion of materials
- Shock absorption and sealing function

### Product Features

- Versatile adhesive for high immediate adhesion on numerous substrates
- Fully outdoor suitable: UV, water and ageing resistant
- Compensates for differing thermal expansion of dissimilar materials
- High immediate bonding strength even at low bonding pressure
- Very good cold shock absorption

### Application Fields

- Furniture mirror mounting
- Mounting of car mirrors
- Mounting trims and profiles
- Mounting of decorative panels

### 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 material Grid | PE foam   | • Colour             | white               |
| • Type of adhesive Grid | tackified acrylic,<br>acrylic, advanced<br>acrylic, modified<br>acrylic | • Colour of liner    | brown               |
|                         |   | • Thickness of liner | 70 µm               |
|                         |   | • Weight of liner    | 80 g/m <sup>2</sup> |
| • Type of liner Grid    | glassine  |                      |                     |
| • Total thickness       | 1150 µm   |                      |                     |



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## Product Information

### Properties/Performance Values

• Elongation at break	200 %	• Static shear resistance at 23°C	good, medium
• Tensile strength	10 N/cm	• Static shear resistance at 40°C	good, medium
• Ageing resistance (UV)	good, medium	• Tack	good, medium
• Chemical resistance	good, medium	• Temperature resistance long term duration	80 °C
• Humidity resistance	very good	• Temperature resistance short term duration	80 °C
• Softener resistance	medium, good		

### Adhesion to Values

• ABS (initial)	5 N/cm	• PET (after 14 days)	7 N/cm
• ABS (after 14 days)	8 N/cm	• PP (initial)	2.8 N/cm
• Aluminium (initial)	5 N/cm	• PP (after 14 days)	5.5 N/cm
• Aluminium (after 14 days)	8 N/cm	• PS (initial)	5 N/cm
• PC (initial)	5 N/cm	• PS (after 14 days)	7.5 N/cm
• PC (after 14 days)	8 N/cm	• PVC (initial)	5 N/cm
• PE (initial)	2.7 N/cm	• PVC (after 14 days)	8 N/cm
• PE (after 14 days)	2.8 N/cm	• Steel (initial)	6.5 N/cm
• PET (initial)	5 N/cm	• Steel (after 14 days)	8 N/cm

### Additional Information

tesa<sup>®</sup> 4952 has been tested and approved by LGA institute for mirror mounting.

Peel Adhesion:

- immediately: foam splits on Steel, Aluminium, ABS, PC, PS, PET, PVC
- after 14 days: foam splits on Steel, Aluminium, ABS, PC, PS, PET, PVC

### 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=04952>