



tesa® 4952

Product Information



1150 µm double sided PE foam tape

Product Description

tesa® 4952 is a double sided PE foam tape for constructive mounting applications. It consists of a highly conformable PE foam backing and a tackified acrylic adhesive. tesa® 4952 has been externally certified for furniture mirror mounting.

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 functional trims & 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 | PE foam | • Color | white |
| • Type of adhesive | tackified acrylic | • Thickness of liner | 70 µm |
| • Type of liner | glassine | • Weight of liner | 80 g/m ² |
| • Total thickness | 1150 µm | | |

Properties/Performance Values

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



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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® 4952 has been tested and approved by LGA institute for mirror mounting. Report number IWQ FSG 329 1189.

Peel Adhesion:

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

Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=04952>