



tesa® 4952

Product Information



1150 µm/45.3 mils 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 benefits:

- 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

• Type of liner	glassine	• Total thickness	1150 µm
• Weight of liner	80 g/m ²	• Color	white
• Backing material	PE foam	• Thickness of liner	70 µm
• Type of adhesive	tackified acrylic, acrylic, advanced acrylic, modified acrylic		2.8 mils

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
	5.7 lbs/in	• Tack	good
• Ageing resistance (UV)	good	• Temperature resistance long term	80 °C 176 °F
• Chemical resistance	good	• Temperature resistance short term	80 °C 176 °F
• Humidity resistance	very good		
• Softener resistance	medium, good		

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



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Product Information

Adhesion to Values

• ABS (initial)	5 N/cm 45.7 oz/in	• PET (after 14 days)	7 N/cm 64 oz/in
• ABS (after 14 days)	8 N/cm 73.1 oz/in	• PP (initial)	2.8 N/cm 25.6 oz/in
• Aluminium (initial)	5 N/cm 45.7 oz/in	• PP (after 14 days)	5.5 N/cm 50.2 oz/in
• Aluminium (after 14 days)	8 N/cm 73.1 oz/in	• PS (initial)	5 N/cm 45.7 oz/in
• PC (initial)	5 N/cm 45.7 oz/in	• PS (after 14 days)	7.5 N/cm 68.5 oz/in
• PC (after 14 days)	8 N/cm 73.1 oz/in	• PVC (initial)	5 N/cm 45.7 oz/in
• PE (initial)	2.7 N/cm 24.7 oz/in	• PVC (after 14 days)	8 N/cm 73.1 oz/in
• PE (after 14 days)	2.8 N/cm 25.6 oz/in	• Steel (initial)	6.5 N/cm 59.4 oz/in
• PET (initial)	5 N/cm 45.7 oz/in	• Steel (after 14 days)	8 N/cm 73.1 oz/in

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

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.

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