



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

Product Features

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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	PE foam	• Color	white
• Type of adhesive	tackified acrylic	• Color of liner	brown
• Type of liner	glassine	• Thickness of liner	70 µm
• Total thickness	1150 µm 45.3 mils	• Weight of liner	2.8 mils 80 g/m ²

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



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Product Information

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		

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



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