



tesa® 4952

Product Information



tesa® 4952 Double-sided PE Foam Tape (1150 µm)

Product Description

tesa® 4952 is a double-sided foam tape, frequently used for a wide range of different constructive mounting applications. The double-sided tape features a very good tack and excellent adhesiveness on smooth surfaces. The foam tape is resistant against UV-light, humidity, water, chemicals, and aging. The tape is ideal for indoor and outdoor usage, with a long-term temperature resistance of up to 80°C. tesa® 4952 is comprised of a high-quality, white closed-cell PE-foam backing, a shear-resistant modified acrylic adhesive, and a glassine lining. tesa® 4952 is especially suitable for fixing flat objects such as mirrors, signs, and decorative materials. Furthermore, the foam-tape acts as a good shock absorber, making it ideal for various sealing functions and for leveling out different thermal elongations of materials. tesa® 4952 has been externally certified for furniture mirror mounting.

Product Features

- Versatile adhesive for high immediate adhesion on numerous substrates
- Skin contact certification according to ISO 10993-5 and ISO 10993-10
- 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 panel

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	• Thickness of liner	70 µm
• Type of liner	glassine	• Weight of liner	80 g/m ²
• Total thickness	1150 µm		



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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		

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

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.

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