

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 absorbtion

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

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