

tesa® 4952

Double-sided PE-foam tape

PRODUCT INFORMATION

Product Description

tesa® 4952 is a double-sided tape consisting of a conformable white closed cell PE-foam backing and a shear resistant modified acrylic adhesive. It is suitable for outdoor use.

tesa® 4952 features especially:

- High immediate bond on rough surfaces
- Good compensation for design tolerances
- Leveling out of different thermal expansion of materials
- Shock absorption and sealing function

Main Application

- Furniture mirror mounting
- Mounting of car mirrors
- Mounting trims and profiles
- Mounting of decorative panels

Technical Data

■ Backing material	PE foam	■ Tensile strength	10 N/cm
■ Colour	white	■ Type of liner	glassine
■ Total thickness	1150 µm	■ Colour of liner	brown
■ Type of adhesive	tackified acrylic	■ Thickness of liner	70 µm
■ Elongation at break	200 %	■ Weight of liner	80 g/m ²

Adhesion to

■ Steel (initial)	6.5 N/cm	■ Steel (after 14 days)	8.0 N/cm
■ ABS (initial)	5.0 N/cm	■ ABS (after 14 days)	8.0 N/cm
■ Aluminium (initial)	5.0 N/cm	■ Aluminium (after 14 days)	8.0 N/cm
■ PC (initial)	5.0 N/cm	■ PC (after 14 days)	8.0 N/cm
■ PE (initial)	2.7 N/cm	■ PE (after 14 days)	2.8 N/cm
■ PET (initial)	5.0 N/cm	■ PET (after 14 days)	7.0 N/cm
■ PP (initial)	2.8 N/cm	■ PP (after 14 days)	5.5 N/cm
■ PS (initial)	5.0 N/cm	■ PS (after 14 days)	7.5 N/cm
■ PVC (initial)	5.0 N/cm	■ PVC (after 14 days)	8.0 N/cm

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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, expressed 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 advise you.

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Properties

■ Static shear resistance at 23°C	+	■ Ageing resistance (UV)	+
■ Static shear resistance at 40°C	+	■ Humidity resistance	++
■ Tack	o	■ Temperature resistance (short & long term)	80 & 80 °C
■ Resistance to chemicals	+	■ Softener resistance	o

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

Additional Info

tesa® 4952 has been tested and approved by LGA institute for mirror mounting.

Peel Adhesion:

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

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