

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/m²

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)	8.0 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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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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