

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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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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