

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 fully suitable for outdoor use.

tesa® 4952 features:

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

Main Application

- Furniture mirror mounting
- Mounting car mirrors
- Mounting functional trims & profiles
- Mounting decorative panels

Technical Data

■ Backing material	PE foam	■ Tensile strength	10 N/cm
■ Color	white	■ Type of liner	5.7 lbs/in
■ Total thickness	1150 µm	■ Color of liner	glassine
	45.3 mils	■ Thickness of liner	brown
■ Type of adhesive	tackified acrylic	■ Weight of liner	70 µm
■ Elongation at break	200 %		2.8 mils
			80 g/m ²

Adhesion to

■ Steel (initial)	6.5 N/cm	■ Steel (after 14 days)	8.0 N/cm
	59.4 oz/in		73.1 oz/in
■ ABS (initial)	5.0 N/cm	■ ABS (after 14 days)	8.0 N/cm
	45.7 oz/in		73.1 oz/in
■ Aluminium (initial)	5.0 N/cm	■ aluminium (after 14 days)	8.0 N/cm
	45.7 oz/in		73.1 oz/in
■ PC (initial)	5.0 N/cm	■ PC (after 14 days)	8.0 N/cm
	45.7 oz/in		73.1 oz/in
■ PE (initial)	2.7 N/cm	■ PE (after 14 days)	2.8 N/cm
	24.7 oz/in		25.6 oz/in
■ PET (initial)	5.0 N/cm	■ PET (after 14 days)	7.0 N/cm
	45.7 oz/in		64 oz/in
■ PP (initial)	2.8 N/cm	■ PP (after 14 days)	5.5 N/cm
	25.6 oz/in		50.2 oz/in
■ PS (initial)	5.0 N/cm	■ PS (after 14 days)	7.5 N/cm
	45.7 oz/in		68.5 oz/in
■ PVC (initial)	5.0 N/cm	■ PVC (after 14 days)	8.0 N/cm
	45.7 oz/in		73.1 oz/in

tesa tape, inc.

5825 Carnegie Boulevard
Charlotte, NC 28209
Phone: 704 554 0707
Toll Free: 800 426 2181
Fax: 800 852 8831
customercare@tesatape.com

Technical Tape México S.A. de C.V.

Av. Santa Fe No. 170
German Centre P 6-3-3Col.
Lomas de Santa Fe
Mexico D.F. C.P. 01210
Phone: +52 (55) 5292 6978
Fax: +52 (55) 5292 6977

Properties

■ Temperature resistance short term	80 °C	■ Resistance to chemicals	+
	176 °F	■ Softener resistance	o
■ Temperature resistance long term	80 °C	■ Static shear resistance at 73,4 °F	+
	176 °F	■ Static shear resistance at 104 °F	+
■ Tack	+		
■ Ageing resistance (UV)	+		
■ Humidity resistance	++		

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

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

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