

tesa® 4952

1150 µm double sided PE foam tape

tesa® 4952 is a double sided PE foam tape for constructive mounting applications. It consists of a highly conformable PE foam backing and a tackified acrylic adhesive. tesa® 4952 has been externally certified for furniture mirror mounting.

Product benefits:

- Versatile adhesive for high immediate adhesion on numerous substrates
- 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 absorption

Main Application

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

Technical Data

▪ Backing material	PE foam	▪ Tensile strength	10 N/cm
▪ Color	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

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

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore 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. 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 support you.

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Properties

▪ Temperature resistance short term	80 °C	▪ Resistance to chemicals	●●●
▪ Temperature resistance long term	80 °C	▪ Softener resistance	●●
▪ Tack	●●●	▪ Static shear resistance at 23°C	●●●
▪ Ageing resistance (UV)	●●●	▪ Static shear resistance at 40°C	●●●
▪ Humidity resistance	●●●●		

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

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

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