tesa® 4952

Product Information

Double-sided PE-foam mounting tape

Product Description

tesa® 4952 is a double sided PE foam tape, consisting of a highly conformable closed cell PE-foam backing and a tackified acrylic adhesive. The foam tape offers a highly versatile adhesive for high immediate adhesion on numerous types of substrates and high immediate bonding strength even at low bonding pressure. tesa® 4952 features excellent resistance to water, UV and ageing, making it completely suitable for outdoors. The double sided foam tape is capable of compensating different thermal expansions of different materials. tesa® 4952 features very good cold shock absorption. tesa® 4952 is ideally used for constructive mounting applications and has been externally certified for mirror mounting. tesa® 4952 has been externally tested and certified for mirror mounting by the LGA institute. Report number IWQ FSG 329 1189. The tape has an immediate peel adhesion: foam splitting on steel, aluminium, ABS, PC, PS, PET, PVC. And a peel adhesion after 14 days: foam splitting on steel, aluminium, ABS, PC, PS, PET, PVC.

Product Features

- 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 absorbtion

Applications

- tesa® 4952 is used for constructive mounting applications
- The foam tape is used for furniture mirror mounting
- The double sided tape is used for the mounting of car mirrors
- tesa® 4952 is used for mounting functional trims & profiles
- tesa® 4952 is used for the mounting of decorative panels in the interior fitout industry

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Applications

• Backing	PE foam	• Color	white
• Type of adhesive	tackified acrylic	• Color of liner	brown
• Type of liner	glassine	• Thickness of liner	70 µm
• Total thickness	1150 µm	• Weight of liner	80 g/m²

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

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Product Information

Properties/Performance Values

• Elongation at break	200 %	• Static shear resistance at 23°C	good
• Tensile strength	10 N/cm	• Static shear resistance at 40°C	good
• Ageing resistance (UV)	good	• Tack	good
• Chemical Resistance	good	• Temperature resistance long term	80 °C
• Humidity resistance	very good		
• Softener resistance	medium	• Temperature resistance short term	80 °C

Adhesion to Values

• ABS (initial)	5 N/cm	• PET (after 14 days)	7 N/cm
• ABS (after 14 days)	8 N/cm	• PP (initial)	2.8 N/cm
• Aluminium (initial)	5 N/cm	• PP (after 14 days)	5.5 N/cm
• Aluminium (after 14 days)	8 N/cm	• PS (initial)	5 N/cm
• PC (initial)	5 N/cm	• PS (after 14 days)	7.5 N/cm
• PC (after 14 days)	8 N/cm	• PVC (initial)	5 N/cm
• PE (initial)	2.7 N/cm	• PVC (after 14 days)	8 N/cm
• PE (after 14 days)	2.8 N/cm	• Steel (initial)	6.5 N/cm
• PET (initial)	5 N/cm	• Steel (after 14 days)	8 N/cm

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

Disclaimer

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