tesa® 4952



Product Information

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 absorbtion

Main Application

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

Technical Information (average values)

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

Technical Data

 Backing material Color Total thickness Type of adhesive Elongation at break 	PE foam white 1150 μm tackified acrylic 200 %	 Tensile strength Type of liner Color of liner Thickness of liner Weight of liner 	10 N/cm glassine brown 70 μm 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)	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

Temperature resistance short term	80 °C	Resistance to chemicals	•••
Temperature resistance long term	80 °C	Softener resistance	••
• Tack	•••	 Static shear resistance at 23°C 	$\bullet \bullet \bullet$
 Ageing resistance (UV) 	•••	 Static shear resistance at 40°C 	$\bullet \bullet \bullet$
Humidity resistance	••••		
Evaluation across relevant tesa® assort	ment: ••••	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

Disclaimer

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