



# tesa® 4968

## Product Information



11.6 mils / 295µm double sided white PVC film tape

### Product Description

tesa® 4968 is a white, double-sided mounting tape with a highly tackified acrylic adhesive and PVC backing. The thick double-sided PVC film tape has exceptional bonding performance and is used in various different industries, frequently used for fastening heavy signs and point-of-sale displays. The tackified acrylic adhesive features excellent adhesive performance, offering a reliable bond even on low energy surfaces and rough or slightly dirty substrates. The strong adhesive and PVC backing make the tape highly resistant to numerous factors, including plasticizers, humidity, aging, UV light, and chemicals. tesa® 4968 offers a very high initial bond immediately after application and is ideal for various long-term mounting applications.

### Product Features

- High adhesion and very good bonding strength, even to low surface energy materials
- Immediate functionality of the laminated bond due to excellent initial tack
- Light and aging-resistant acrylic adhesive for long-term applications
- Very good plasticizer resistance
- Good conformability for good adhesion even on rougher surfaces due to the PVC backing

### Application Fields

- tesa® 4968 is the perfect solution for mounting decorative POS materials and displays
- Mounting signs and scales
- Bonding during assembly of moldings and trims in the furniture industry
- Ideal for mounting plastic or wooden trims
- Mounting nonheated exterior car mirrors onto the holding plates

### Technical Information (average values)

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

### Product Construction

• Backing	PVC film	• Color	white
• Type of adhesive	tackified acrylic	• Color of liner	brown
• Type of liner	paper	• Thickness of liner	69 µm
• Total thickness	295 µm		2.7 mils
	11.6 mils	• Weight of liner	80 g/m <sup>2</sup>



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### Properties/Performance Values

• Elongation at break	130 %	• Static shear resistance at 23°C	good
• Tensile strength	30 N/cm	• Static shear resistance at 40°C	medium
	17.1 lbs/in	• Tack	very good
• Ageing resistance (UV)	good	• Temperature resistance long term	60 °C
• Chemical Resistance	good		140 °F
• Humidity resistance	very good	• Temperature resistance min.	-40 °C
• Softener resistance	very good		-40 °F
		• Temperature resistance short term	70 °C
			158 °F

### Adhesion to Values

• ABS (initial)	13.1 N/cm	• PP (initial)	11 N/cm
	119.7 oz/in		100.5 oz/in
• ABS (after 14 days)	20 N/cm	• PP (after 14 days)	14.1 N/cm
	182.7 oz/in		128.8 oz/in
• Aluminium (initial)	10.3 N/cm	• PS (initial)	11.9 N/cm
	94.1 oz/in		108.7 oz/in
• Aluminium (after 14 days)	20.7 N/cm	• PS (after 14 days)	18.2 N/cm
	189.1 oz/in		166.3 oz/in
• PC (initial)	13.8 N/cm	• PVC (initial)	10.6 N/cm
	126.1 oz/in		96.8 oz/in
• PC (after 14 days)	24.6 N/cm	• PVC (after 14 days)	25.3 N/cm
	224.8 oz/in		231.1 oz/in
• PET (initial)	9.6 N/cm	• Steel (initial)	12.5 N/cm
	87.7 oz/in		114.2 oz/in
• PET (after 14 days)	12.7 N/cm	• Steel (after 14 days)	21.2 N/cm
	116 oz/in		193.7 oz/in



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### Disclaimer

tesa<sup>®</sup> products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa<sup>®</sup> 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.



For latest information on this product please visit <http://l.tesa.com/?ip=04968>