

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

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|--------------------|---------------------|----------------------|---------------------------------|
| • 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
11.6 mils | • Weight of liner | 2.7 mils
80 g/m ² |



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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 140 °F
• Chemical Resistance	good	• Temperature resistance min.	-40 °C -40 °F
• Humidity resistance	very good	• Temperature resistance short term	70 °C 158 °F
• Softener resistance	very good		

Adhesion to Values

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



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