



tesa® 4987

Product Information



Double-sided 5mil non-woven tape

Product Description

tesa® 4987 is a translucent double-sided self-adhesive tape consisting of a non-woven backing and a tackified acrylic adhesive.

tesa® 4987 features especially:

- Good shear resistance
- A good conjunction of high initial tack and ultimate adhesion level even to rough surfaces
- Good resistance to environmental conditions such as light, elevated temperatures etc.

Application Fields

- Fixing of furniture trims, profiles and window blinds
- Mounting of heating elements
- Splicing of corrugated cardboard
- Lamination of foam and rubber substrates

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	non-woven	• Color	translucent
• Type of adhesive	tackified acrylic	• Color of liner	white
• Type of liner	glassine	• Thickness of liner	84 µm
• Total thickness	125 µm		3.3 mils
	4.9 mils	• Weight of liner	100 g/m ²

Properties/Performance Values

• Elongation at break	3 %	• Static shear resistance at 23°C	good
• Tensile strength	8 N/cm	• Static shear resistance at 40°C	medium
	4.6 lbs/in	• Tack	good
• Ageing resistance (UV)	good	• Temperature resistance long term	80 °C
• Chemical Resistance	good		176 °F
• Humidity resistance	good	• Temperature resistance min.	-40 °C
• Softener resistance	medium		-40 °F
		• Temperature resistance short term	200 °C
			392 °F



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Adhesion to Values

• ABS (initial)	8 N/cm 73.1 oz/in	• PET (after 14 days)	8.7 N/cm 79.5 oz/in
• ABS (after 14 days)	10.8 N/cm 98.7 oz/in	• PP (initial)	5.6 N/cm 51.2 oz/in
• Aluminium (initial)	7.7 N/cm 70.3 oz/in	• PP (after 14 days)	6.2 N/cm 56.6 oz/in
• Aluminium (after 14 days)	10.1 N/cm 92.3 oz/in	• PS (initial)	8.5 N/cm 77.7 oz/in
• PC (initial)	9.3 N/cm 85 oz/in	• PS (after 14 days)	10.3 N/cm 94.1 oz/in
• PC (after 14 days)	10.4 N/cm 95 oz/in	• PVC (initial)	7 N/cm 64 oz/in
• PE (initial)	4.1 N/cm 37.5 oz/in	• PVC (after 14 days)	11.4 N/cm 104.2 oz/in
• PE (after 14 days)	4.8 N/cm 43.9 oz/in	• Steel (initial)	9 N/cm 82.2 oz/in
• PET (initial)	6.9 N/cm 63 oz/in	• Steel (after 14 days)	11.2 N/cm 102.3 oz/in

Disclaimer

tesa® 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® 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.