



# tesa<sup>®</sup> 4987

## Product Information



Double-sided 5mil non-woven tape

### Product Description

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

tesa<sup>®</sup> 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.

### Product Features

- Excellent initial tack and peel adhesion
- Reliable bond, often also on low surface energy surfaces
- Light and aging-resistant acrylic adhesive for long-term applications
- Good converting and die-cutting properties
- Highly conformable to follow difficult 3D shapes due to non-woven backing

### 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 <sup>2</sup>



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### 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 176 °F
• Chemical Resistance	good	• Temperature resistance min.	-40 °C -40 °F
• Humidity resistance	good	• Temperature resistance short term	200 °C 392 °F
• Softener resistance	medium		

### 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



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### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=04987>