



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.

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 4.9 mils	• Weight of liner	3.3 mils 100 g/m ²



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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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