



tesa® 4987

Product Information



125 µm double sided translucent premium non woven tape

Product Description

tesa® 4987 is a double-sided non-woven industrial mounting and splicing tape with a highly tackified acrylic adhesive. The premium non-woven tape is, for instance, used for mounting signs and nameplates or other mounting and high-performance lamination applications. tesa® 4987 is especially designed to connect flexible materials to one another. The mounting and splicing tape is able to withstand numerous environmental factors such as humidity, UV light, and temperatures of up to 200°C for limited periods of time. The tackified acrylic adhesive offers excellent hold on various surfaces, very high tack, and good shear strength. The adhesive is coated on a flexible and conformable cellulose non-woven backing that even conforms to difficult 3D shapes.

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

- tesa® 4987 is ideally used for industrial mounting, high-performance lamination, and splicing applications
- Mounting signs, covers and nameplates
- Laminating insulation materials and foams for HVAC (heating, ventilation, and air conditioning) seals
- Mounting plastic bags, dispatch bags, continuous stationery, posters, etc.
- Splicing of paper and film webs

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	• Weight of liner	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
• Ageing resistance (UV)	good	• Tack	good
• Chemical Resistance	good	• Temperature resistance long term	80 °C
• Humidity resistance	good	• Temperature resistance min.	-40 °C
• Softener resistance	medium	• Temperature resistance short term	200 °C

Adhesion to Values

• ABS (initial)	8 N/cm	• PET (after 14 days)	8.7 N/cm
• ABS (after 14 days)	10.8 N/cm	• PP (initial)	5.6 N/cm
• Aluminium (initial)	7.7 N/cm	• PP (after 14 days)	6.2 N/cm
• Aluminium (after 14 days)	10.1 N/cm	• PS (initial)	8.5 N/cm
• PC (initial)	9.3 N/cm	• PS (after 14 days)	10.3 N/cm
• PC (after 14 days)	10.4 N/cm	• PVC (initial)	7 N/cm
• PE (initial)	4.1 N/cm	• PVC (after 14 days)	11.4 N/cm
• PE (after 14 days)	4.8 N/cm	• Steel (initial)	9 N/cm
• PET (initial)	6.9 N/cm	• Steel (after 14 days)	11.2 N/cm

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.