

tesa® 4987

Double-sided 5mil non-woven tape

PRODUCT INFORMATION

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:

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

Main Application

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

Technical Data

■ Backing material	non-woven	■ Tensile strength	8 N/cm 4.6 lbs/in
■ Color	translucent	■ Type of liner	glassine
■ Total thickness	125 µm 4.9 mils	■ Color of liner	white
■ Type of adhesive	tackified acrylic	■ Thickness of liner	84 µm 3.3 mils
■ Elongation at break	3 %	■ Weight of liner	100 g/m ²

Adhesion to

■ Steel (initial)	9.0 N/cm 82.2 oz/in	■ Steel (after 14 days)	11.2 N/cm 102.3 oz/in
■ ABS (initial)	8.0 N/cm 73.1 oz/in	■ ABS (after 14 days)	10.8 N/cm 98.7 oz/in
■ Aluminium (initial)	7.7 N/cm 70.3 oz/in	■ aluminium (after 14 days)	10.1 N/cm 92.3 oz/in
■ PC (initial)	9.3 N/cm 85 oz/in	■ PC (after 14 days)	10.4 N/cm 95 oz/in
■ PE (initial)	4.1 N/cm 37.5 oz/in	■ PE (after 14 days)	4.8 N/cm 43.9 oz/in
■ PET (initial)	6.9 N/cm 63 oz/in	■ PET (after 14 days)	8.7 N/cm 79.5 oz/in
■ PP (initial)	5.6 N/cm 51.2 oz/in	■ PP (after 14 days)	6.2 N/cm 56.6 oz/in
■ PS (initial)	8.5 N/cm 77.7 oz/in	■ PS (after 14 days)	10.3 N/cm 94.1 oz/in
■ PVC (initial)	7.0 N/cm 64 oz/in	■ PVC (after 14 days)	11.4 N/cm 104.2 oz/in

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

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tesa tape, inc.

5825 Carnegie Boulevard
Charlotte, NC 28209
Phone: 704 554 0707
Toll Free: 800 426 2181
Fax: 800 852 8831
customer@tesatape.com

www.tesatape.com

Technical Tape México S.A. de C.V.

Av. Santa Fe No. 170
German Centre P 6-3-3Col.
Lomas de Santa Fe
Mexico D.F. C.P. 01210
Phone: +52 (55) 5292 6978
Fax: +52 (55) 5292 6977

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, expressed 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 advise you.

Properties

■ Temperature resistance short term	200 °C	■ Humidity resistance	+
	392 °F	■ Resistance to chemicals	+
■ Temperature resistance long term	80 °C	■ Softener resistance	o
	176 °F	■ Static shear resistance at 73,4 °F	+
■ Tack	+	■ Static shear resistance at 104 °F	o
■ Ageing resistance (UV)	+		
■ Humidity resistance	+		

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

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