

tesa® 4987

Double-sided 5mil non-woven tape

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.

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
▪ Color	translucent	▪ Type of liner	glassine
▪ Total thickness	125 µm	▪ Colour of liner	white
▪ Type of adhesive	tackified acrylic	▪ Thickness of liner	84 µm
▪ Elongation at break	3 %	▪ Weight of liner	100 g/m ²

Adhesion to

▪ Steel (initial)	9.0 N/cm	▪ Steel (after 14 days)	11.2 N/cm
▪ ABS (initial)	8.0 N/cm	▪ ABS (after 14 days)	10.8 N/cm
▪ Aluminium (initial)	7.7 N/cm	▪ Aluminium (after 14 days)	10.1 N/cm
▪ PC (initial)	9.3 N/cm	▪ PC (after 14 days)	10.4 N/cm
▪ PE (initial)	4.1 N/cm	▪ PE (after 14 days)	4.8 N/cm
▪ PET (initial)	6.9 N/cm	▪ PET (after 14 days)	8.7 N/cm
▪ PP (initial)	5.6 N/cm	▪ PP (after 14 days)	6.2 N/cm
▪ PS (initial)	8.5 N/cm	▪ PS (after 14 days)	10.3 N/cm
▪ PVC (initial)	7.0 N/cm	▪ PVC (after 14 days)	11.4 N/cm

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

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Properties

▪ Temperature resistance short term	200 °C	▪ Resistance to chemicals	● ● ●
▪ Temperature resistance long term	80 °C	▪ Softener resistance	● ●
▪ Tack	● ● ●	▪ Static shear resistance at 23°C	● ● ●
▪ Ageing resistance (UV)	● ● ●	▪ Static shear resistance at 40°C	● ●
▪ Humidity resistance	● ● ●		

Evaluation across relevant tesa® assortment: ● ● ● ● very good ● ● ● good ● ● medium ● low

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