

## Product Information

### Double-sided non-woven tape

tesa® 51570 is a double-sided tape with a non-woven backing. It is used for permanent mounting of metal and plastic materials, e.g. aluminum, polystyrene, polypropylene, ABS. The thick layer of adhesive bonds well on uneven surfaces and has a very high initial bond.

### Main Application

General purpose mounting

### Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

#### Technical Data

• Backing material	non-woven	• Type of adhesive	synthetic rubber
• Total thickness	110 µm		

#### Adhesion to

• Steel (initial)	12.0 N/cm	• Steel (after 14 days)	13.0 N/cm
• PE (initial)	5.5 N/cm	• PE (after 14 days)	7.0 N/cm
• PP (initial)	7.0 N/cm	• PP (after 14 days)	12.0 N/cm
• PS (initial)	8.0 N/cm	• PVC (after 14 days)	12.5 N/cm
• PVC (initial)	9.0 N/cm		

#### Properties

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

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

#### Additional Information

It is not recommended to apply tesa® 51570 where a temperature of over 60° C prevails for long periods.

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### Disclaimer

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