

## tesa® 51570

### 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 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 load of over 60° C prevails for a longer period.

For latest information on this product please visit <http://l.tesa.com/?ip=51570>

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