



tesa[®] 51570

Product Information



Double-sided non-woven tape

Product Description

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.

Product Features

- The thick layer of adhesive bonds well on uneven surfaces and has a very high initial bond.

Application Fields

- 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.

Product Construction

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

Properties/Performance Values

- | | | | |
|--------------------------|--------|-------------------------------------|-----------|
| • Ageing resistance (UV) | medium | • Static shear resistance at 23°C | good |
| • Chemical Resistance | low | • Static shear resistance at 40°C | low |
| • Fogging | good | • Tack | very good |
| • Humidity resistance | good | • Temperature resistance long term | 40 °C |
| • Softener resistance | low | • Temperature resistance short term | 80 °C |

Adhesion to Values

- | | | | |
|----------------------|----------|-------------------------|-----------|
| • PE (initial) | 5.5 N/cm | • PVC (initial) | 9 N/cm |
| • PE (after 14 days) | 7 N/cm | • PVC (after 14 days) | 12.5 N/cm |
| • PP (initial) | 7 N/cm | • Steel (initial) | 12 N/cm |
| • PP (after 14 days) | 12 N/cm | • Steel (after 14 days) | 13 N/cm |
| • PS (initial) | 8 N/cm | | |



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Additional Information

It is not recommended to apply tesa[®] 51570 where a temperature load of over 60° C prevails for a longer period.

Disclaimer

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