



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

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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