



tesa[®] 51571

Product Information



Double-sided non-woven tape

Product Description

tesa[®] 51571 is a double-sided tape with a non-woven backing. It is used for permanent mounting of metal and plastic materials, e.g. aluminium, polystyrene, polypropylene, ABS. The very thick layer of adhesive bonds extremely well on uneven surfaces and has a very high initial bond.

Product Features

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

Application Fields

tesa[®] 51571 is used for applications such as:
Mounting of evaporator plates in the production of refrigerators

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 | • Color | translucent |
| • Type of adhesive | synthetic rubber | • Color of liner | brown |
| • Type of liner | glassine | • Thickness of liner | 70 µm |
| • Total thickness | 160 µm | • Weight of liner | 78 g/m ² |

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|-------------------------------------|-----------|
| • Elongation at break | 2 % | • Static shear resistance at 40°C | very good |
| • Tensile strength | 9 N/cm | • Static shear resistance at 70°C | good |
| • Ageing resistance (UV) | medium | • Tack | very good |
| • Fogging | very good | • Temperature resistance long term | 40 °C |
| • Humidity resistance | good | • Temperature resistance short term | 80 °C |
| • Static shear resistance at 23°C | good | | |



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Adhesion to Values

• ABS (initial)	11.8 N/cm	• PP (after 14 days)	9 N/cm
• Aluminium (initial)	13 N/cm	• PS (initial)	12.4 N/cm
• PC (initial)	13.4 N/cm	• PVC (initial)	12 N/cm
• PE (initial)	8 N/cm	• PVC (after 14 days)	13 N/cm
• PE (after 14 days)	8.5 N/cm	• Steel (initial)	12.5 N/cm
• PET (initial)	10.6 N/cm	• Steel (after 14 days)	13 N/cm
• PP (initial)	9 N/cm	• Steel (covered side, initial)	12.5 N/cm

Additional Information

For spools, it is recommended to use tesa[®] dispensers to achieve optimal results.

Disclaimer

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