



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 material	non-woven	• Colour	translucent
• Type of adhesive	synthetic rubber	• Colour 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
• Humidity resistance	good	• Temperature resistance long term duration	40 °C
• Static shear resistance at 23°C	good	• Temperature resistance short term duration	80 °C



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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

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