

tesa 51571
Double Sided Non-Woven Tape**Product Description/
Application:**

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

tesa 51571 is used for applications like

- Mounting of evaporator plates in the production of refrigerators

**Product
Design:**

Backing	Adhesive	Thickness*	Colour
Non Woven	Synthetic Rubber	160 µm	Translucent

Liner:

Colour	Type	Thickness*	Weight*
brown	Glassine paper	70 µm	78 g/m ²

* Mean values / parameter of the specification

Dimensions:

Stock Items	
Length 50m	Widths 19, 25, 38, 50, 1350 mm

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tesa self-adhesive tapes are used successfully in many sectors to solve a variety of problems. Our publications contain numerous examples of such uses, intended to help towards a solution of your particular problems. Each tesa product has been developed for a particular range of applications. Nevertheless, experience has shown that even for one and the same objective, the exact requirements may differ from case to case. We, therefore, recommend that you carry out your own tests in each case, to confirm that the tesa self-adhesive tape which you envisage using is appropriate for your particular application. The Advisory Section of our Technical Service Department will be happy to assist. All information and recommendations are given by us in good faith, on the basis of practical experience, but without warranty.

Technical Data tesa 51571

Mean values / parameters of the specification

Peel adhesion on different surfaces:

	immediately [N/cm]
Steel	15,2
Aluminium	13,0
ABS	11,8
PS	12,4
PC	13,4
PET	10,6
PVC	11,7
PP	8,9
PE	9,0

Mechanical properties

Tensile strength	= 8 N/15 mm
Elongation	= 2,5%

Results of laboratory evaluation

Static shear resistance at different temperatures

Temperature	Load	
23°C	10 N	++
40°C	10 N	++

Dynamic shear resistance at different temperatures

20°C	0,6 N/mm ²
5°C	0,6 N/mm ²
16h / 40°C / 95% rH // 8h / 13°C / 95% rH	1,0 N/mm ²
16h / 40°C / 95% rH // 8h / - 40°	0,8 N/mm ²
7d / 60° C	1,0 N/mm ²

Tack (Rolling Ball)	+++
Humidity resistance	++
Ageing resistance (UV)	+

Evaluation:	excellent (+++)	very good (++)	good (+)	medium (O)	low (-)
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