



1-800-773-0062

www.marianinc.com

PRODUCT INFORMATION

tesa 4965

Double-coated Tape with High Shear and Temperature Resistance

Product Description/ Application:

tesa 4965 is a double sided adhesive tape consisting of a transparent polyester film with a red PP release liner. The adhesive system is especially resistant to plasticisers and offers a secure bond even at elevated temperatures.

- Typical applications are:
• Mounting of ABS plastic parts in the car industry.
• Self-adhesive mounting of rubber/EPDM profiles.
• Mounting of decorative profiles and mouldings in the furniture industry.

Product Design:

Table with 4 columns: Backing, Adhesive, Thickness\*, Colour. Row 1: PET, tackified acrylic, 205 µm, transparent

Liner:

Table with 4 columns: Colour, Type, Thickness\*, Weight\*. Rows: red (MOPP film, 80 µm, 72 g/m²), brown (glassine paper, 71 µm, 83 g/m²), white (PE film, 57 µm, 57 g/m²), white (PE-coated paper, 118 µm, 120 g/m²)

\* Mean values / parameter of the specification

Dimensions:

Table with 2 columns: Stock Items. Row 1: 50 m, 9, 12, 19, 25, 50 mm

Other dimensions on request.

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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 4965

## Mean values / parameters of the specification

### Peel adhesion on different surfaces:

	immediately [N/cm]	after 14 days [N/cm]
Steel	10,0	14,0
Aluminium	10,2	11,7
ABS	10,8	11,9
PC	12,2	13,4
PS	10,4	12,1
PET	9,8	11,9
PVC	9,6	12,8
PP	6,0	8,8
PE	5,6	6,6

### Temperature resistance

Short Term	200 °C
Long Term	80 °C

### Mechanical properties

Tensile strength	≥ 30 N/15mm
Elongation	≥ 50 %

## Results of laboratory evaluation

### Static shear resistance (1000 g / 13 mm x 20 mm)

23°C	++
40°C	++

Tack (Rolling Ball)	0
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Softener resistance	+
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Humidity resistance	++
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Solvent resistance	++
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Ageing resistance (UV)	++
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7100 – 04/02

Evaluation:	very good (++)	good (+)	medium (0)	low (-)
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Quality  
management

## Internal page - Product information

Product name and -number: tesa 4965

Date of last Version:	Date of Alteration	Subject of Alteration	Kst / PM	Kst. / F & E
	06/00	Modification layout, adding of technical data	3510/ von Schwerdtner	3244/ Lohmann
	04/02	Modification of technical data	7100/ Reinhardt	7110/ Peters

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