

# tesa® 4965

Double-coated tape with high shear and temperature resistance

## PRODUCT INFORMATION

### Product Description

tesa® 4965 is a transparent double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

tesa® 4965 features especially:

- Reliable bond even to LSE substrates
- Immediate usability right after assembly
- Suitability for most demanding applications such as heavy stress, high temperatures or critical substrates

### Main Application

- 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
- Mounting of battery packs, lenses and touch-screens in electronic devices

4965 is recognized according to UL standard 969. UL file: MH 18055

### Technical Data

■ Backing material	PET film	■ Type of adhesive	tackified acrylic
■ Colour	transparent	■ Elongation at break	50 %
■ Total thickness	205 µm	■ Tensile strength	20 N/cm

### Adhesion to

■ Steel (initial)	11.5 N/cm	■ Steel (after 14 days)	14.0 N/cm
■ ABS (initial)	10.8 N/cm	■ ABS (after 14 days)	11.9 N/cm
■ Aluminium (initial)	10.2 N/cm	■ Aluminium (after 14 days)	12.6 N/cm
■ PC (initial)	12.2 N/cm	■ PC (after 14 days)	13.4 N/cm
■ PE (initial)	5.6 N/cm	■ PE (after 14 days)	6.6 N/cm
■ PET (initial)	9.8 N/cm	■ PET (after 14 days)	11.9 N/cm
■ PP (initial)	6.0 N/cm	■ PP (after 14 days)	8.8 N/cm
■ PS (initial)	10.4 N/cm	■ PS (after 14 days)	12.1 N/cm
■ PVC (initial)	9.6 N/cm	■ PVC (after 14 days)	12.8 N/cm

For latest information on this product please visit <http://l.tesa.com/?ip=04965>

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### Properties

■ Temperature resistance short term	200 °C	■ Resistance to chemicals	+
■ Temperature resistance long term	100 °C	■ Softener resistance	+
■ Tack	+	■ Static shear resistance at 23°C	+
■ Ageing resistance (UV)	++	■ Static shear resistance at 40°C	+
■ Humidity resistance	++		

Evaluation across relevant tesa® assortment: ++ very good, + good, o medium, - low

### Additional Info

Liner variants:

PV0 red MOPP-film (80µm; 72g/m<sup>2</sup>)

PV1 brown glassine paper (71µm; 82g/m<sup>2</sup>)

PV4 white with blue tesa® logo PE-coated paper (118µm; 120g/m<sup>2</sup>)

PV11 white PET-film (50µm; 72g/m<sup>2</sup>)

PV36 double-liner: red MOPP-film (80µm; 72g/m<sup>2</sup>) and brown glassine paper (71µm; 82g/m<sup>2</sup>)

This product information applies to PV1

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