

# tesa® 4965

Double-sided 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 modified acrylic adhesive.

tesa® 4965 features:

- Reliable bonding, even to LSE substrates
- Immediate usability right after assembly
- Suitability for most demanding applications such as heavy stress, high temperatures or critical substrates
- Suitable for mounting and bonding applications in the appliance industry.

### Main Application

- Mounting ABS plastic parts in the car industry
- Self-adhesive mounting of rubber/EPDM profiles
- Mounting decorative profiles and mouldings in the furniture industry
- Mounting battery packs, lenses and touch-screens in electronic devices
- Mounting and bonding in the appliance industry.

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

### Technical Data

■ Backing material	PET film	■ Type of adhesive	tackified acrylic
■ Color	transparent	■ Elongation at break	50 %
■ Total thickness	205 µm 8.1 mils	■ Tensile strength	20 N/cm 11.4 lbs/in

### Adhesion to

■ Steel (initial)	11.5 N/cm 105.1 oz/in	■ Steel (after 14 days)	14.0 N/cm 127.9 oz/in
■ ABS (initial)	10.8 N/cm 98.7 oz/in	■ ABS (after 14 days)	11.9 N/cm 108.7 oz/in
■ Aluminium (initial)	10.2 N/cm 93.2 oz/in	■ aluminium (after 14 days)	12.6 N/cm 115.1 oz/in
■ PC (initial)	12.2 N/cm 111.5 oz/in	■ PC (after 14 days)	13.4 N/cm 122.4 oz/in
■ PE (initial)	5.6 N/cm 51.2 oz/in	■ PE (after 14 days)	6.6 N/cm 60.3 oz/in
■ PET (initial)	9.8 N/cm 89.5 oz/in	■ PET (after 14 days)	11.9 N/cm 108.7 oz/in
■ PP (initial)	6.0 N/cm 54.8 oz/in	■ PP (after 14 days)	8.8 N/cm 80.4 oz/in
■ PS (initial)	10.4 N/cm 95 oz/in	■ PS (after 14 days)	12.1 N/cm 110.5 oz/in
■ PVC (initial)	9.6 N/cm 87.7 oz/in	■ PVC (after 14 days)	12.8 N/cm 116.9 oz/in

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

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tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, expressed or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to advise you.

## Properties

■ Temperature resistance short term	200 °C	■ Resistance to chemicals	+
	392 °F	■ Softener resistance	+
■ Temperature resistance long term	100 °C	■ Static shear resistance at 73,4 °F	+
	212 °F	■ Static shear resistance at 104 °F	+
■ Tack	+	■ Tack	+
■ Ageing resistance (UV)	++		
■ Humidity resistance	++		

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

## Additional Info

Liner variants:

PV0 red MOPP-film (80µm; 72g/m²)

PV1 brown glassine paper (71µm; 82g/m²)

This product information applies to PV1

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