

## tesa® 4965

### 205µm double sided transparent filmic tape

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
▪ Color	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)	11.8 N/cm
▪ ABS (initial)	10.3 N/cm	▪ ABS (after 14 days)	12.0 N/cm
▪ Aluminium (initial)	9.2 N/cm	▪ Aluminium (after 14 days)	10.6 N/cm
▪ PC (initial)	12.6 N/cm	▪ PC (after 14 days)	14.0 N/cm
▪ PE (initial)	5.8 N/cm	▪ PE (after 14 days)	6.9 N/cm
▪ PET (initial)	9.2 N/cm	▪ PET (after 14 days)	9.5 N/cm
▪ PP (initial)	6.8 N/cm	▪ PP (after 14 days)	7.9 N/cm
▪ PS (initial)	10.6 N/cm	▪ PS (after 14 days)	12.0 N/cm
▪ PVC (initial)	8.7 N/cm	▪ PVC (after 14 days)	13.0 N/cm

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

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore 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. 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 support you.

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### Properties

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

Evaluation across relevant tesa® assortment: ● ● ● ● very good ● ● ● good ● ● medium ● low

### Additional Information

Liner variants:

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

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

This product information applies to PV1

According to VDA278 analysis, tesa 4965 does not contain any single substances restricted by the drafted GB regulations (China) as well as the indoor concentration guideline by Health, Labour and Welfare Ministry (Japan).

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