

## 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>

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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 ● ● 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

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