

tesa® 4965

205µm double sided transparent filmic tape

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 |

tesa® 4965

205µm double sided transparent filmic tape

PRODUCT INFORMATION

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

This product information applies to PV1

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

Page 2 of 2 / As of 09/22/13