

# 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<br>8.1 mils | ■ Tensile strength    | 20 N/cm<br>11.4 lbs/in |

### 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 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 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 N/cm   |
| ■ PVC (initial)       | 8.7 N/cm  | ■ PVC (after 14 days)       | 13 N/cm   |

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

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