# tesa® 4967 - Team 4965 Thin

## Product Information

160µm/6.3 mils double sided transparent PET tape

### Product Description

tesa® 4967, also known as Team 4965 Thin, is a transparent, double-sided self-adhesive tape consisting of a PET backing and a modified acrylic adhesive. It is based on a patented and protected product formulation. Several products are equipped with this unique and high performing product design and together these products make up Team 4965.

This double-sided film tape assortment helps to easily select the most efficient tape based on customer demands, products, and processes. Explore the benefits of the full tesa® 4965 assortment here: https://www.tesa.com/en-us/industry/general-applications/mounting/team-4965-assortment

### Product Features

- Extremely high holding power even at elevated temperatures
- Superior converting performance due to strong PET backing and reduced adhesive mass flow
- Good bonding performance even to LSE materials

### Application Fields

- Mounting lenses to mobile phone housings
- Mounting of ABS plastic parts in the automotive industry
- Mounting of decorative profiles and moldings in the furniture industry

## Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

### Product Construction

| | |
|---|---|
| Backing | PET film |
| Type of adhesive | tackified acrylic |
| Total thickness | 160 µm<br>6.3 mils |
| Color | transparent |

### Properties/Performance Values

| | |
|---|---|
| Elongation at break | 50 % |
| Tensile strength | 20 N/cm<br>11.4 lbs/in |
| Ageing resistance (UV) | very good |
| Chemical Resistance | good |
| Humidity resistance | very good |
| Softener resistance | good |
| Static shear resistance at 23°C | good |
| Static shear resistance at 40°C | good |
| Tack | good |
| Temperature resistance long term | 100 °C<br>212 °F |
| Temperature resistance short term | 200 °C<br>392 °F |

**For latest information on this product please visit http://l.tesa.com/?ip=04967**

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## Product Information

### Adhesion to Values

| | | | |
|---|---|---|---|
| • ABS (initial) | 9.8 N/cm<br>89.5 oz/in | • PET (after 14 days) | 10.5 N/cm<br>95.9 oz/in |
| • ABS (after 14 days) | 10.8 N/cm<br>98.7 oz/in | • PP (initial) | 5.3 N/cm<br>48.4 oz/in |
| • Aluminium (initial) | 9.6 N/cm<br>87.7 oz/in | • PP (after 14 days) | 7 N/cm<br>64 oz/in |
| • Aluminium (after 14 days) | 12.2 N/cm<br>111.5 oz/in | • PS (initial) | 10.2 N/cm<br>93.2 oz/in |
| • PC (initial) | 11.7 N/cm<br>106.9 oz/in | • PS (after 14 days) | 11.1 N/cm<br>101.4 oz/in |
| • PC (after 14 days) | 13.1 N/cm<br>119.7 oz/in | • PVC (initial) | 8.9 N/cm<br>81.3 oz/in |
| • PE (initial) | 5.2 N/cm<br>47.5 oz/in | • PVC (after 14 days) | 11.9 N/cm<br>108.7 oz/in |
| • PE (after 14 days) | 5.7 N/cm<br>52.1 oz/in | • Steel (initial) | 12 N/cm<br>109.6 oz/in |
| • PET (initial) | 9.3 N/cm<br>85 oz/in | • Steel (after 14 days) | 13.4 N/cm<br>122.4 oz/in |

### Additional Information

Liner variants:

- PV6: red MOPP film (80µm / 3.1 mils; 72g/m$^2$)

According to VDA278 analysis, tesa® 4967 - Team 4965 Thin 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).

## Disclaimer



**For latest information on this product please visit http://l.tesa.com/?ip=04967**