



# tesa<sup>®</sup> 68547

## Product Information

100µm double sided transparent filmic tape

### Product Description

tesa<sup>®</sup> 68547 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive.

### Product Features

- Thickness: 100µm
- High bonding strength
- High resistance to demanding environmental conditions
- Good handling performance in converting processes

### Application Fields

tesa<sup>®</sup> 68547 is used for general mounting and laminating applications especially in the electronics 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          | • Color              | transparent         |
| • Type of adhesive | tackified acrylic | • Color of liner     | yellow              |
| • Type of liner    | glassine          | • Thickness of liner | 71 µm               |
| • Total thickness  | 100 µm            | • Weight of liner    | 82 g/m <sup>2</sup> |

### Properties/Performance Values

- |                          |           |                                     |        |
|--------------------------|-----------|-------------------------------------|--------|
| • Elongation at break    | 50 %      | • Static shear resistance at 23°C   | good   |
| • Tensile strength       | 20 N/cm   | • Tack                              | good   |
| • Ageing resistance (UV) | very good | • Temperature resistance long term  | 80 °C  |
| • Humidity resistance    | good      | • Temperature resistance short term | 150 °C |
| • Softener resistance    | good      |                                     |        |



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### Adhesion to Values

• ABS (initial)	7.6 N/cm	• PET (initial)	6.9 N/cm
• ABS (after 14 days)	8.5 N/cm	• PET (after 14 days)	8.5 N/cm
• Aluminium (initial)	5.8 N/cm	• PP (initial)	5.5 N/cm
• Aluminium (after 14 days)	8.8 N/cm	• PP (after 14 days)	7.1 N/cm
• PC (initial)	9.9 N/cm	• PVC (initial)	7.5 N/cm
• PC (after 14 days)	12 N/cm	• PVC (after 14 days)	11.8 N/cm
• PE (initial)	4.3 N/cm	• Steel (initial)	8.8 N/cm
• PE (after 14 days)	4.7 N/cm	• Steel (after 14 days)	10.7 N/cm

### Disclaimer

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