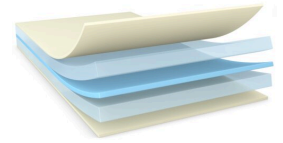




# tesa<sup>®</sup> 68549

## Product Information



20µm double sided transparent conformable filmic tape

## Product Description

tesa<sup>®</sup> 68549 is a transparent, double-sided self-adhesive tape consisting of a thin, conformable PET film backing and a tackified acrylic adhesive.

## Product Features

- Thickness: 20µm
- Backing thickness: 2µm
- Excellent heat transfer due to low thickness and good wetting
- High adhesion level relative to low thickness
- Excellent conformability and adjustment to curved surfaces
- Excellent resistance to demanding environmental conditions

## Application Fields

- Mounting of heat spreading parts
- Lamination in NFC antenna
- Very small design gap filling

## 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          | • Total thickness | 20 µm       |
| • Type of adhesive | tackified acrylic | • Color           | transparent |

## Properties/Performance Values

- |                                   |           |                                     |        |
|-----------------------------------|-----------|-------------------------------------|--------|
| • Ageing resistance (UV)          | very good | • Tack                              | low    |
| • Chemical Resistance             | very good | • Temperature resistance long term  | 100 °C |
| • Humidity resistance             | very good | • Temperature resistance short term | 200 °C |
| • Static shear resistance at 23°C | medium    |                                     |        |

## Adhesion to Values

- |                       |          |                         |          |
|-----------------------|----------|-------------------------|----------|
| • ABS (initial)       | 6.3 N/cm | • PE (initial)          | 2.2 N/cm |
| • ABS (after 14 days) | 7.3 N/cm | • PE (after 14 days)    | 3.1 N/cm |
| • PC (initial)        | 8 N/cm   | • Steel (initial)       | 7.3 N/cm |
| • PC (after 14 days)  | 8.2 N/cm | • Steel (after 14 days) | 9.7 N/cm |

For latest information on this product please visit <http://l.tesa.com/?ip=68549>



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## Product Information

### Additional Information

Liner variants:

PV57: double sided PET liners (36µm easy-release inside / 50µm tight-release outside)

PV65: double sided PET liners (36µm transparent easy-release inside / 50µm blue tight-release outside)

PV70: double sided PET liners (23µm transparent easy-release inside / 50µm blue tight-release outside)

### Disclaimer

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