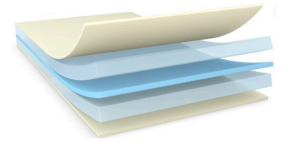




tesa[®] 68549

Product Information



20µm double sided transparent conformable filmic tape

Product Description

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

tesa[®] 68549 features esp.:

- * 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

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



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Product Information

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 |

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)

PV20: brown/blue logo glassine paper (71µm; 82g/m²)



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Product Information

Disclaimer

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