# tesa® 59651 - Team 4965 Thick

## Product Information

300µm double sided transparent film tape

### Product Description

tesa® 4965 Thick is a transparent double-sided self-adhesive tape consisting of a PET backing and a modified acrylic adhesive and 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. Order tesa® 4965 Thick using the product number tesa® 59651. Explore the benefits of the full tesa® 4965 assortment here: https://www.tesa.com/en-sg/industry/general-applications/mounting/team-4965-assortment

tesa® 4965 Thick features:

- Thickness: 300µm
- High bonding strength
- High resistance to demanding environmental conditions
- Good handling performance in converting processes

### Product Features

- tesa® 4965 Original in 300 µm
- High holding power at elevated temperatures
- Skin contact certification according to ISO 10993-5 and ISO 10993-10
- Superior bonding strength, often also on low surface energy surfaces
- More bonding reliability for rougher substrates
- Low VOC – measured according to VDA 278 analysis
- Outstanding converting and die-cutting properties

### Application Fields

- Bumper rail mounting
- Bonding door elements
- General mounting and lamination

## 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 | modified acrylic | • Color of liner | brown/blue logo |
| • Type of liner | paper | • Thickness of liner | 69 µm |
| • Total thickness | 300 µm | • Weight of liner | 80 g/m² |

**For latest information on this product please visit http://l.tesa.com/?ip=59651**

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## Product Information

### Properties/Performance Values

- Elongation at break: 50 %
- Tensile strength: 20 N/cm
- Ageing resistance (UV): good
- Chemical Resistance: good
- Humidity resistance: very good
- Softener resistance: good
- Static shear resistance at 23°C: very good
- Static shear resistance at 40°C: very good
- Tack: good
- Temperature resistance long term: 100 °C
- Temperature resistance min.: -40 °C
- Temperature resistance short term: 200 °C

### Adhesion to Values

- ABS (initial): 10.5 N/cm
- ABS (after 14 days): 11 N/cm
- Aluminium (initial): 9.3 N/cm
- Aluminium (after 14 days): 9.8 N/cm
- PC (initial): 12.6 N/cm
- PC (after 14 days): 14.3 N/cm
- PE (initial): 6 N/cm
- PE (after 14 days): 6.4 N/cm
- PET (initial): 7.7 N/cm
- PET (after 14 days): 9.5 N/cm
- PS (initial): 8.5 N/cm
- PS (after 14 days): 13.3 N/cm
- PVC (initial): 8.8 N/cm
- PVC (after 14 days): 14.7 N/cm
- Steel (initial): 13.8 N/cm
- Steel (after 14 days): 14.5 N/cm

### Additional Information

Liner variants:

PV20: branded brown paper liner (69µm; 80g/m$^2$)

## Disclaimer



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