



# tesa® 59651

## 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

### 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/m <sup>2</sup>



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## Product Information

### Properties/Performance Values

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

### Adhesion to Values

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

### Additional Information

Liner variants:

PV20: branded brown paper liner (69µm; 80g/m<sup>2</sup>)

### Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

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