



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

• Type of liner	paper	• Total thickness	300 µm
• Weight of liner	80 g/m ²	• Color	transparent
• Backing material	PET film	• Colour of liner	brown/blue logo
• Type of adhesive	modified acrylic	• Thickness of liner	69 µm



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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/m²)

Disclaimer

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