



# tesa<sup>®</sup> 4959

## Product Information



Double-sided non-woven tape

### Product Description

tesa<sup>®</sup> 4959 is a double-sided mounting and splicing tape equipped with a non-woven backing and coated with an acrylic adhesive of high tack and good shear strength. It is UV and ageing resistant and largely resistant to plasticisers.

### Application Fields

- Mounting of signs, covers and nameplates
- Mounting of door linings in the car industry
- Mounting of plastic bags, despatch bags, continuous stationery, posters etc.
- Splicing of paper and film webs

### 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 material	non-woven	• Colour	translucent
• Type of adhesive	tackified acrylic	• Colour of liner	brown
• Type of liner	paper	• Thickness of liner	71 µm
• Total thickness	100 µm		

### Properties/Performance Values

• Elongation at break	2 %	• Static shear resistance at 40°C	medium
• Tensile strength	8 N/cm	• Tack	very good
• Ageing resistance (UV)	very good	• Temperature resistance long term duration	80 °C
• Chemical resistance	good	• Temperature resistance min.	-40 °C
• Humidity resistance	very good	• Temperature resistance short term duration	200 °C
• Static shear resistance at 23°C	good		



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### Adhesion to Values

• ABS (initial)	7.5 N/cm	• PET (after 14 days)	7.5 N/cm
• ABS (after 14 days)	9 N/cm	• PP (initial)	5.5 N/cm
• Aluminium (initial)	7.5 N/cm	• PP (after 14 days)	6.5 N/cm
• Aluminium (after 14 days)	8 N/cm	• PS (initial)	8.5 N/cm
• PC (initial)	9.5 N/cm	• PS (after 14 days)	9 N/cm
• PC (after 14 days)	14 N/cm	• PVC (initial)	6.5 N/cm
• PE (initial)	4 N/cm	• PVC (after 14 days)	14 N/cm
• PE (after 14 days)	4.5 N/cm	• Steel (initial)	8 N/cm
• PET (initial)	7 N/cm	• Steel (after 14 days)	8.5 N/cm

### Additional Information

Liner variants:

PV0 brown and white glassine paper (71 µm)

PV6 red MOPP-film (80 µm)

### Disclaimer

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