



# 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.

### Sustainable Aspects



For more information: <https://www.tesa.com/product-sustainability>

### 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      |  |           |

For latest information on this product please visit <http://l.tesa.com/?ip=04959>



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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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