

# tesa® 4943

## Product Information



Double-sided non-woven tape

### Product Description

tesa® 4943 is a double-sided tape consisting of a non-woven backing equipped with a solvent-based tackified acrylic adhesive.

### Product Features

- It provides a high initial tack and a good shear resistance.

### Application Fields

- Lamination of leather, textiles and foams
- Mounting of light parts such as signs, covers and nameplates
- Sealing of bags and envelops
- Splicing

### 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          | non-woven          | • Color              | translucent |
| • Type of adhesive | tackified acrylic  | • Color of liner     | white       |
| • Type of liner    | PE-coated paper    | • Thickness of liner | 120 µm      |
| • Total thickness  | 100 µm<br>3.9 mils |                      | 4.7 mils    |

### Properties/Performance Values

- |                                   |                      |                                     |                  |
|-----------------------------------|----------------------|-------------------------------------|------------------|
| • Elongation at break             | 2 %                  | • Static shear resistance at 40°C   | medium           |
| • Tensile strength                | 9 N/cm<br>5.1 lbs/in | • Static shear resistance at 70°C   | good             |
| • Ageing resistance (UV)          | good                 | • Tack                              | good             |
| • Chemical Resistance             | medium               | • Temperature resistance long term  | 70 °C<br>158 °F  |
| • Humidity resistance             | good                 | • Temperature resistance short term | 100 °C<br>212 °F |
| • Static shear resistance at 23°C | good                 |                                     |                  |



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### Adhesion to Values

• ABS (initial)	6.6 N/cm 60.3 oz/in	• PET (after 14 days)	5.4 N/cm 49.3 oz/in
• ABS (after 14 days)	7.1 N/cm 64.9 oz/in	• PS (initial)	6.9 N/cm 63 oz/in
• Aluminium (initial)	3.6 N/cm 32.9 oz/in	• PVC (initial)	6.1 N/cm 55.7 oz/in
• Aluminium (after 14 days)	4.2 N/cm 38.4 oz/in	• PVC (after 14 days)	10.8 N/cm 98.7 oz/in
• PC (initial)	7.7 N/cm 70.3 oz/in	• Steel (initial)	5.5 N/cm 50.2 oz/in
• PC (after 14 days)	7.1 N/cm 64.9 oz/in	• Steel (after 14 days)	8.1 N/cm 74 oz/in
• PET (initial)	4.6 N/cm 42 oz/in		

### Additional Information

Liner variants:

- PV0 white PE-coated paper plain
- PV4 white PE-coated paper with blue tesa logo

### Disclaimer

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