



# tesa<sup>®</sup> 4943

## Product Information



Double-sided non woven tape with acrylic adhesive

### Product Description

tesa<sup>®</sup> 4943 is a double-sided tape consisting of a non woven backing equipped with a solvent based tackified acrylic adhesive. 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 envelopes
- 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            |                      |             |

### Properties/Performance Values

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



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### Adhesion to Values

|                             |          |                         |           |
|-----------------------------|----------|-------------------------|-----------|
| • ABS (initial)             | 6.6 N/cm | • PP (initial)          | 3 N/cm    |
| • ABS (after 14 days)       | 7.1 N/cm | • PP (after 14 days)    | 4 N/cm    |
| • Aluminium (initial)       | 3.6 N/cm | • PS (initial)          | 6.9 N/cm  |
| • Aluminium (after 14 days) | 4.2 N/cm | • PVC (initial)         | 6.1 N/cm  |
| • PC (initial)              | 7.7 N/cm | • PVC (after 14 days)   | 10.8 N/cm |
| • PC (after 14 days)        | 7.1 N/cm | • Steel (initial)       | 5.5 N/cm  |
| • PET (initial)             | 4.6 N/cm | • Steel (after 14 days) | 8.1 N/cm  |
| • PET (after 14 days)       | 5.4 N/cm |                         |           |

### Disclaimer

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