



# tesa® 4943

## Product Information



Double-sided non woven tape with acrylic adhesive

### Product Description

tesa® 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   |                                     |        |



# tesa® 4943

## Product Information

### 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

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



For latest information on this product please visit <http://l.tesa.com/?ip=04943>