



# tesa® Professional 4944

## Product Information

Extra strong general purpose fixation tape

### Product Description

If you wish to lay textile carpets for a long period of time, then the double-sided tesa® 4944 adhesive is the perfect choice! tesa® 4944 is a strong double-sided carpet-laying tape equipped with a white polypropylene substrate and a adhesive mass made of synthetic rubber. The easy-to-handle tape can be torn by hand and allows carpets to be taped quickly and securely. As a talented all-rounder, it's useful to craftsmen but also for other jobs, such as fixing trims in place.

### Product Features

- For permanent, long term, secure floor laying.
- Especially for fixing carpets to rough surfaces.
- For floor coverings and heavy duty applications.

### 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 | cloth            | • Total thickness | 200 µm |
| • Type of adhesive | synthetic rubber | • Colour          | white  |
| • Type of liner    | glassine         |                   |        |

### Properties/Performance Values

- |                          |           |  |           |
|--------------------------|-----------|--|-----------|
| • Elongation at break    | 20 %      | • Static shear resistance at 40°C            | very good |
| • Tensile strength       | 35 N/cm   | • Static shear resistance at 70°C            | low       |
| • Ageing resistance (UV) | medium    | • Tack                                       | very good |
| • Fogging                | very good | • Temperature resistance long term duration  | 40 °C     |
| • Humidity resistance    | good      | • Temperature resistance short term duration | 60 °C     |

### Adhesion to Values

- |                      |           |                         |           |
|----------------------|-----------|-------------------------|-----------|
| • PE (after 14 days) | 8.5 N/cm  | • PVC (after 14 days)   | 22.5 N/cm |
| • PET (initial)      | 8 N/cm    | • steel                 | 14.5 N/cm |
| • PP (initial)       | 16 N/cm   | • Steel (initial)       | 14.5 N/cm |
| • PP (after 14 days) | 24.5 N/cm | • Steel (after 14 days) | 24 N/cm   |
| • PVC (initial)      | 14 N/cm   |                         |           |



# tesa<sup>®</sup> Professional 4944

## Product Information

### Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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/?mp=04944>