



# tesa® 4900

## Product Information



### Acrylic transfer tape

### Product Description

tesa® 4900 consists of a transparent pure acrylic adhesive. The adhesive is also resistant to ageing and has a high initial tack.

tesa® 4900 also withstands elevated temperatures.

### Application Fields

- Splicing of paper and filmic webs, particularly flying splices
- Mounting of displays and posters

### 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          | none     | • Color of liner     | brown               |
| • Type of adhesive | acrylic  | • Thickness of liner | 71 µm               |
| • Type of liner    | glassine | • Weight of liner    | 80 g/m <sup>2</sup> |

### Properties/Performance Values

- |                                   |           |                                     |           |
|-----------------------------------|-----------|-------------------------------------|-----------|
| • Ageing resistance (UV)          | very good | • Static shear resistance at 40°C   | medium    |
| • Chemical Resistance             | very good | • Tack                              | very good |
| • Humidity resistance             | good      | • Temperature resistance long term  | 80 °C     |
| • Softener resistance             | medium    | • Temperature resistance short term | 200 °C    |
| • Static shear resistance at 23°C | medium    |                                     |           |

### Adhesion to Values

- |                             |          |                         |          |
|-----------------------------|----------|-------------------------|----------|
| • ABS (initial)             | 2.9 N/cm | • PET (after 14 days)   | 3.7 N/cm |
| • ABS (after 14 days)       | 4.6 N/cm | • PP (initial)          | 1.3 N/cm |
| • Aluminium (initial)       | 2.7 N/cm | • PP (after 14 days)    | 2.6 N/cm |
| • Aluminium (after 14 days) | 3.1 N/cm | • PS (initial)          | 3.1 N/cm |
| • PC (initial)              | 3.1 N/cm | • PS (after 14 days)    | 3.8 N/cm |
| • PC (after 14 days)        | 5 N/cm   | • PVC (initial)         | 2.7 N/cm |
| • PE (initial)              | 0.8 N/cm | • PVC (after 14 days)   | 5.6 N/cm |
| • PE (after 14 days)        | 1 N/cm   | • Steel (initial)       | 3.4 N/cm |
| • PET (initial)             | 2.4 N/cm | • Steel (after 14 days) | 3.8 N/cm |



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### Additional Information

This product can be applied manually as well as with tesa® 6013.

tesa® 4900 is also available reverse wound.

### 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=04900>