

## tesa® 68644

### 100µm double sided translucent non-woven tape

tesa® 68644 is a translucent, double-sided self-adhesive tape consisting of a non-woven backing and a tackified acrylic adhesive.

tesa® 68644 features especially:

- High adhesion level on various kinds of foam, plastic and metal surfaces
- Excellent temperature resistance performance
- Good converting properties

## Main Application

- Mounting and assembly of components into electronic devices
- Mounting of nameplates
- Lamination of foam and felt

## Technical Data

|                    |                   |                      |          |
|--------------------|-------------------|----------------------|----------|
| ▪ Backing material | non-woven         | ▪ Type of liner      | glassine |
| ▪ Color            | translucent       | ▪ Colour of liner    | brown    |
| ▪ Total thickness  | 100 µm            | ▪ Thickness of liner | 71 µm    |
| ▪ Type of adhesive | tackified acrylic |                      |          |

## Adhesion to

|                   |          |                         |           |
|-------------------|----------|-------------------------|-----------|
| ▪ Steel (initial) | 8.1 N/cm | ▪ Steel (after 14 days) | 9.4 N/cm  |
| ▪ ABS (initial)   | 6.7 N/cm | ▪ ABS (after 14 days)   | 8.2 N/cm  |
| ▪ Glass (initial) | 7.7 N/cm | ▪ Glass (after 14 days) | 9.8 N/cm  |
| ▪ PC (initial)    | 8.3 N/cm | ▪ PC (after 14 days)    | 10.0 N/cm |
| ▪ PE (initial)    | 3.4 N/cm | ▪ PE (after 14 days)    | 3.8 N/cm  |

## Properties

|                                     |        |                                   |      |
|-------------------------------------|--------|-----------------------------------|------|
| ▪ Temperature resistance short term | 200 °C | ▪ Humidity resistance             | ●●●● |
| ▪ Temperature resistance long term  | 80 °C  | ▪ Resistance to chemicals         | ●●●  |
| ▪ Tack                              | ●●●●   | ▪ Softener resistance             | ●●   |
| ▪ Ageing resistance (UV)            | ●●●●   | ▪ Static shear resistance at 23°C | ●●●  |

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

For latest information on this product please visit <http://l.tesa.com/?ip=68644>

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.

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## Additional Information

Liner variants:  
PV20 brown glassine liner / blue tesa logo

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