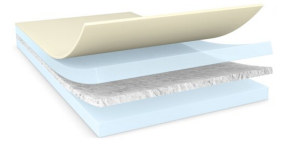


# tesa® 8854

## Product Information



100µm d/s non-woven tape

## Product Description

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

tesa® 68644 features:

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

## Application Fields

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

## 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     | brown       |
| • Type of liner    | glassine           | • Thickness of liner | 71 µm       |
| • Total thickness  | 100 µm<br>3.9 mils |                      | 2.8 mils    |

## Properties/Performance Values

|                          |           |                                     |                  |
|--------------------------|-----------|-------------------------------------|------------------|
| • Ageing resistance (UV) | very good | • Static shear resistance at 23°C   | good             |
| • Chemical Resistance    | good      | • Tack                              | very good        |
| • Humidity resistance    | very good | • Temperature resistance long term  | 80 °C<br>176 °F  |
| • Softener resistance    | medium    | • Temperature resistance short term | 260 °C<br>500 °F |

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## Product Information

### Adhesion to Values

|                         |                        |                         |                        |
|-------------------------|------------------------|-------------------------|------------------------|
| • ABS (initial)         | 6.7 N/cm<br>61.2 oz/in | • PC (after 14 days)    | 10 N/cm<br>91.4 oz/in  |
| • ABS (after 14 days)   | 8.2 N/cm<br>74.9 oz/in | • PE (initial)          | 3.4 N/cm<br>31.1 oz/in |
| • Glass (initial)       | 7.7 N/cm<br>70.3 oz/in | • PE (after 14 days)    | 3.8 N/cm<br>34.7 oz/in |
| • Glass (after 14 days) | 9.8 N/cm<br>89.5 oz/in | • Steel (initial)       | 8.1 N/cm<br>74 oz/in   |
| • PC (initial)          | 8.3 N/cm<br>75.8 oz/in | • Steel (after 14 days) | 9.4 N/cm<br>85.9 oz/in |

### 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=8854>