



# tesa® 68645

## Product Information



120µm double sided translucent non-woven tape

## Product Description

tesa® 68645 is a translucent, double-sided self-adhesive tape consisting of a non-woven backing and a tackified acrylic adhesive.

tesa® 68645 features especially:

- 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 material | non-woven   | • Total thickness | 120 µm  |
| • Type of adhesive | tackified acrylic,<br>acrylic, advanced<br>acrylic, modified<br>acrylic | • Color           | translucent,<br>transparent, optically<br>clear |
| • Type of liner    | paper   |                   |   |

## Properties/Performance Values

|                                    |           |                                     |        |
|------------------------------------|-----------|-------------------------------------|--------|
| • Tack                             | very good | • Temperature resistance short term | 150 °C |
| • Temperature resistance long term | 80 °C     |                                     |        |

## Adhesion to Values

|                         |         |                         |          |
|-------------------------|---------|-------------------------|----------|
| • ABS (initial)         | 10 N/cm | • PC (after 14 days)    | 12 N/cm  |
| • ABS (after 14 days)   | 12 N/cm | • PE (initial)          | 3 N/cm   |
| • Glass (initial)       | 11 N/cm | • PE (after 14 days)    | 3.5 N/cm |
| • Glass (after 14 days) | 12 N/cm | • Steel (initial)       | 9 N/cm   |
| • PC (initial)          | 10 N/cm | • Steel (after 14 days) | 12 N/cm  |

For latest information on this product please visit <http://l.tesa.com/?ip=68645>



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### Additional Information

Liner variants:

PV20 brown glassine liner / blue tesa logo

### 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.



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