



# tesa® 68596

## Product Information

150µm double sided transparent filmic tape

### Product Description

tesa® 68596 is a transparent double-sided self-adhesive tape consisting of a PET backing and a modified acrylic adhesive.

### Product Features

- Thickness: 150µm
- High bonding strength
- High resistance to demanding environmental conditions
- Good handling performance in converting processes

### Application Fields

tesa® 68596 is used for general mounting and lamination 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          | PET film         | • Color           | transparent         |
| • Type of adhesive | modified acrylic | • Color of liner  | brown/blue logo     |
| • Type of liner    | glassine         | • Weight of liner | 80 g/m <sup>2</sup> |
| • Total thickness  | 150 µm           |                   |                     |

### Properties/Performance Values

- |                          |           |                                     |        |
|--------------------------|-----------|-------------------------------------|--------|
| • Elongation at break    | 50 %      | • Static shear resistance at 23°C   | good   |
| • Tensile strength       | 30 N/cm   | • Static shear resistance at 40°C   | good   |
| • Ageing resistance (UV) | very good | • Temperature resistance long term  | 100 °C |
| • Humidity resistance    | very good | • Temperature resistance short term | 200 °C |

### Adhesion to Values

- |                      |           |                         |           |
|----------------------|-----------|-------------------------|-----------|
| • PC (initial)       | 10.4 N/cm | • PE (after 14 days)    | 5.3 N/cm  |
| • PC (after 14 days) | 12 N/cm   | • Steel (initial)       | 11.8 N/cm |
| • PE (initial)       | 5 N/cm    | • Steel (after 14 days) | 13 N/cm   |



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## Product Information

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=68596>