



# tesa<sup>®</sup> 88644

## Product Information



160µm double coated tissue tape

### Product Description

tesa<sup>®</sup> 88644 is a 160µm double coated tissue tape consisting of a tissue backing and a tackified acrylic adhesive.

Features:

- Good adhesion to a variety of polar surfaces
- Sufficient adhesion to non-polar surfaces
- Excellent holding power at escalated temperature
- Good Anti-repulsion performance
- Suitable for permanent applications

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### Application Fields

- Name plate mounting
- Membrane switch mounting
- Foam lamination
- Textile lamination

### 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     | white/blue logo |
| • Type of liner    | PE-coated paper   | • Thickness of liner | 130 µm          |
| • Total thickness  | 160 µm            |                      |                 |



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### Properties/Performance Values

- |                                   |              |                                     |        |
|-----------------------------------|--------------|-------------------------------------|--------|
| • Static shear resistance at 70°C | very good    | • Temperature resistance long term  | 80 °C  |
| • Tack                            | good, medium | • Temperature resistance short term | 160 °C |

### Adhesion to Values

- |                        |          |                        |           |
|------------------------|----------|------------------------|-----------|
| • ABS (initial)        | 7.7 N/cm | • PE (after 3 days)    | 5.1 N/cm  |
| • ABS (after 3 days)   | 9.9 N/cm | • PET (initial)        | 6.5 N/cm  |
| • Glass (initial)      | 8.3 N/cm | • PP (initial)         | 6.2 N/cm  |
| • Glass (after 3 days) | 9.7 N/cm | • PP (after 3 days)    | 8.1 N/cm  |
| • PC (initial)         | 7.9 N/cm | • PVC (initial)        | 5.2 N/cm  |
| • PC (after 3 days)    | 9.8 N/cm | • Steel (initial)      | 7.9 N/cm  |
| • PE (initial)         | 3.8 N/cm | • Steel (after 3 days) | 10.2 N/cm |

### Additional Information

The Adhesion to Steel data is tested according to ASTM-3300

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=88644>