



# tesa<sup>®</sup> 66350

## Product Information

50µm single-sided amber polyimide tape

### Product Description

tesa<sup>®</sup> 66350 is a single sided tape, consisting of polyimide film backing and special anti-repulsion acrylic adhesive

tesa<sup>®</sup> 66350 features:

- Thickness: 50µm
- Color: Amber
- Excellent anti-repulsion properties
- Very good chemical and temperature stability
- Very good insulation resistance properties
- Flame retardant property

### Application Fields

- Li-battery edge wrapping
- Fixing or wrapping applications where insulation resistance, flame retardant or high temperature is required

### 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

- |                    |           |                      |       |
|--------------------|-----------|----------------------|-------|
| • Type of liner    | PET       | • Total thickness    | 50 µm |
| • Backing material | Polyimide | • Thickness of liner | 50 µm |
| • Type of adhesive | acrylic   |                      |       |

### Properties/Performance Values

- |                                |         |                                     |        |
|--------------------------------|---------|-------------------------------------|--------|
| • Elongation at break          | 30 %    | • Temperature resistance long term  | 85 °C  |
| • Tensile strength             | 20 N/cm | • Temperature resistance short term | 140 °C |
| • Dielectric breakdown voltage | 3700 V  |                                     |        |

### Adhesion to Values

- |         |        |
|---------|--------|
| • steel | 4 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=66350>