



# tesa<sup>®</sup> 54358

## Product Information

420 µm mica electrical insulation tape

### Product Description

tesa<sup>®</sup> 54358 is a 420µm mica tape with a water-based acrylic adhesive. This tape has been designed for electrical insulation applications at high temperatures with additional anti-abrasion requirements.

### Product Features

- High temperature resistance
- Abrasion resistance
- Electrical insulation
- Fire retardency

### Application Fields

High temperature electrical insulation of metal parts and battery housing against dielectric shock in automotive battery packs.

Example application areas are:

- Battery housing top lid
- Battery housing floor
- Bus bar

### 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 adhesive | water-based acrylic | • Total thickness | 420 µm      |
| • Type of liner    | PET                 | • Color of liner  | transparent |

### Properties/Performance Values

- |                                |        |
|--------------------------------|--------|
| • Dielectric breakdown voltage | 9000 V |
|--------------------------------|--------|



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## Product Information

### Disclaimer

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