



# tesa<sup>®</sup> 58346

## Product Information



90 µm single-sided transparent PET filmic tape.

### Product Description

The tackified acrylic adhesive gives this product outstanding removability without residue while using for temporary protection on surface. The 75 µm transparent PET filmic backing offers excellent electrical insulation property. The PET liner ensures it can be easily released without adhesive residue.

### Product Features

- Easy removal without adhesive residue.
- Excellent electrical insulation property when it applies on surface with dielectric strength 132.1kV/mm.
- Easy for converting and die-cutting.

### Application Fields

- Electrical insulation with removability for temporary protection.

### 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          | • Total thickness    | 90 µm       |
| • Type of adhesive | tackified acrylic | • Color              | transparent |
| • Type of liner    | PET film          | • Thickness of liner | 36 µm       |

### Properties/Performance Values

- |                                |         |                                    |           |
|--------------------------------|---------|------------------------------------|-----------|
| • Elongation at break          | 140 %   | • Humidity resistance              | very good |
| • Chemical Resistance          | medium  | • Suitable for die cutting         | yes       |
| • Dielectric breakdown voltage | 12000 V | • Temperature resistance long term | 125 °C    |
| • Easy to remove               | yes     |                                    |           |

### Adhesion to Values

- |                       |           |                   |           |
|-----------------------|-----------|-------------------|-----------|
| • Aluminium (initial) | 0.16 N/cm | • Steel (initial) | 0.22 N/cm |
|-----------------------|-----------|-------------------|-----------|



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