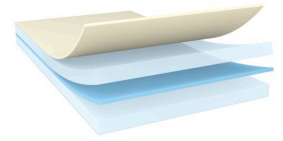




tesa[®] 58362

Product Information



tesa[®] 58362 is a 100µm double-sided transparent PET filmic tape.

Product Description

The tackified acrylic adhesive gives this product a good peel strength and very high dynamic shear between two polar substrates. The 50µm transparent PET filmic backing offers excellent electrical insulation property. The glassine liner ensures it can be easily released without adhesive residue. It can meet the strict automotive environmental and long-term durability requirement.

Product Features

- High dynamic shear (>2MPa) between cells in EV battery.
- Outstanding reliability according to automotive industry requirement.
- Product assortment available from 50µm to 200µm.

Application Fields

- Demanding mounting applications in ePowertrain.

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 | • Total thickness | 100 µm |
| • Type of adhesive | tackified acrylic | • Color | transparent |
| • Type of liner | glassine | • Color of liner | brown/blue logo |

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|------------------------------------|------------|
| • Dielectric breakdown voltage | 9800 V | • Temperature range | -40~125 °C |
| • Static shear resistance at 23°C | very good | • Temperature resistance | very good |
| • Static shear resistance at 40°C | very good | • Temperature resistance long term | 125 °C |
| • Static shear resistance at 70°C | very good | | |

Adhesion to Values

- | | | | |
|-----------------------|----------|-------------------------|----------|
| • Aluminium (initial) | 5.7 N/cm | • Steel (initial) | 7 N/cm |
| • PC (initial) | 6.7 N/cm | • Steel (after 14 days) | 8.5 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=58362>