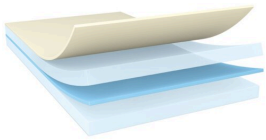
tesa® 58362

Product Information



100µm double-sided transparent PET filmic tape

Product Description

tesa® 58362 is a 100µm double-sided transparent PET filmic tape. 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 EV battery

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

For latest information on this product please visit http://l.tesa.com/?ip=58362

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Disclaimer

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