

# tesa® 58357

## Product Information



is a 100µm single-sided transparent PET filmic tape.

### Product Description

The tackified acrylic adhesive gives this product a very good peel strength and outstanding anti-repulsion property during lifetime. The 50µm transparent PET filmic backing offers excellent electrical insulation property. The PET liner ensures outstanding ability of converting. It can also meet the strict automotive environmental and long-term durability requirement.

### Product Features

- Excellent electrical insulation property along with battery lifetime.
- Very good peel strength on polar substrate.
- Outstanding anti-repulsion performance on edge.
- Good for converting or die-cutting process.

### Application Fields

- Electrical insulation with anti-repulsion property.

### 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 material	PET	• Colour	transparent
• Type of adhesive	tackified acrylic	• Colour of liner	transparent
• Type of liner	PET	• Thickness of liner	36 µm
• Total thickness	100 µm		

### Properties/Performance Values

• Elongation at break	130 %	• Static shear resistance at 23°C	good
• Tensile strength	70 N/cm	• Temperature resistance	very good
• Breakdown voltage	9 KV	• Temperature resistance (-40°C)	good
• Dielectric strength	90 kV/mm	• Temperature resistance (125°C)	good
• Minimum temperature resistance	-40 °C	• Temperature resistance max	120 °C

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### Adhesion to Values

• Aluminium (initial)	5.9 N/cm	• PET (initial)	4.1 N/cm
• Aluminium (after 14 days)	9.2 N/cm	• PET (after 3 days)	7.9 N/cm
• PC (initial)	6 N/cm	• Steel (initial)	6.8 N/cm
• PC (after 3 days)	6.8 N/cm	• Steel (after 14 days)	10 N/cm

### Disclaimer

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