



tesa[®] 58332

50µm D/S PET



Product Information

tesa[®] 58332 is a 50µm differentiated double-sided transparent PET tape equipped with tackified acrylic adhesive.

Product Description

The tackified acrylic adhesive offers outstanding initial peel strength on polar substrate and fit to rough surface such as mica plate. Its PET backing ensures excellent converting performance. The glassine liner ensures it can be easily released without adhesive residue during application.

Product Features

- Very fast wetting performance on rough surface, such as mica plate (>0.8N/cm)
- Outstanding conformability
- Excellent initial peel strength
- Good handling performance in converting process
- Good resistance to demanding automotive environmental conditions

Application Fields

tesa[®] 58332 has especially been developed for power battery demanding mounting, lamination and converting application with excellent wetting performance on its open side.

Mounting in power battery or lamination application such as:

- Mica mounting
- Aerogel mounting
- other demanding mounting

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 | • Total thickness | 50 µm |
| • Type of adhesive | tackified acrylic | • Colour of liner | brown/blue logo |
| • Type of liner | glassine | • Thickness of liner | 69 µm |

Properties/Performance Values

- | | | | |
|-----------------------------------|--------|---------------------------------------------|-----------|
| • Dielectric breakdown voltage | 2900 V | • Tack | very good |
| • Humidity resistance | good | • Temperature resistance long term duration | 125 °C |
| • Static shear resistance at 23°C | good | | |

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Adhesion to Values

• Aluminium (initial)	5.4 N/cm	• Steel (after 14 days)	8 N/cm
• Aluminium (after 14 days)	7.5 N/cm	• Steel (covered side, after 14 days)	5.6 N/cm
• Steel (initial)	4.7 N/cm	• Steel (covered side, initial)	4.8 N/cm

Disclaimer

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