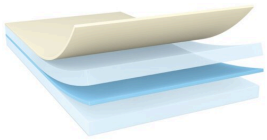
tesa® 58334
100µm D/S PET



Product Information

tesa® 58334 is 100µm/3.9 mils differentiated double-sided transparent PET tape equipped with tackified acrylic adhesive.

Product Description

The tackified acrylic adhesive offers outstanding initial peel strength on polar substrates 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 (>1.2N/cm)
- Outstanding conformability
- Excellent initial peel strength
- Good handling performance in converting process
- Good resistance to demanding automotive environmental conditions

Application Fields

tesa® 58334 has been developed especially for power battery demanding mounting, lamination and converting application with excellent wetting performance on its open side. Mounting in power battery or lamination applications 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	PET
Type of adhesive	tackified acrylic
Type of liner	glassine
Total thickness	100 µm 3.9 mils
Color	transparent
Color of liner	brown/blue logo
Thickness of liner	69 µm 2.7 mils

Properties/Performance Values

Dielectric breakdown voltage	5900 V
Humidity resistance	good
Static shear resistance at 23°C	good
Tack	very good
Temperature resistance long term	125 °C 257 °F

For latest information on this product please visit http://l.tesa.com/?ip=58334

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Product Information

Adhesion to Values

- Aluminium (initial) 5.6 N/cm 51.2 oz/in
- Aluminium (after 14 days) 9.5 N/cm 86.8 oz/in
- Steel (initial) 7 N/cm 64 oz/in
- Steel (after 14 days) 9.7 N/cm 88.6 oz/in
- Steel (covered side, after 14 days) 9.4 N/cm 85.9 oz/in
- Steel (covered side, initial) 6.1 N/cm 55.7 oz/in

Disclaimer

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