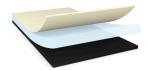




Product Information



130µm/5.12 mils single-sided black PET tape

Product Description

tesa[®] 58356 is a 130μm/5.1 mils single-sided black PET tape equipped with 100μm/3.9 mils black PET backing to ensure an outstanding electrical insulation property. Its tackified acrylic adhesive offers a very good reliable bonding strength during applications. Transparent PET liner provides easy handling while converting.

Product Features

- Excellent electrical insulation protection in battery
- Suitable for automation process
- Reliable processing through strong liner and backing
- Outstanding reliability performance according to automotive environment
- RoHS, REACH compliance
- Halogen-free

Application Fields

Electrical insulation of battery side plate and other components of electric vehicles.

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

BackingType of adhesiveType of liner	PET • tackified acrylic PET film •	Total thickness Color of liner Thickness of liner	130 μm 5.1 mils transparent 36 μm 1.4 mils	
Properties/Performance Values				
Elongation at breakTensile strength	154 % • 165 N/cm • 94.2 lbs/in •	Static shear resistance at 23°C Static shear resistance at 40°C Temperature resistance long	very good very good 125 °C	
Dielectric breakdown voltageHumidity resistance	13330 V very good	term	257 °F	





Product Information

Adhesion to Values

•	Aluminium (initial)	5.1 N/cm
		46.6 oz/in
•	Aluminium (after 14 days)	7.2 N/cm

7.2 N/cm 65.8 oz/in Steel 8 N/cm
73.1 oz/in
Steel (after 14 days) 12.5 N/cm
114.2 oz/in

Disclaimer

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