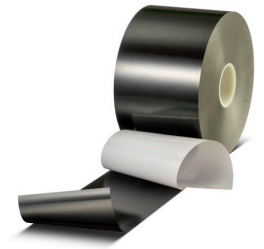# tesa® 58353

Product Information

85 µm s/s black PET electrical insulation tape with reworkable adhesive

Product Description

tesa® 58353 is a black 85 µm single sided PET tape specifically designed for wrapping and electrical insulation of battery cells and other components of electric vehicles.

Product Features

- Secure hold when folded around edges, no lifting
- Non-flammable acc. to FMVSS 302
- Clean of particles and fibers per VDA19
- Excellent protection against dielectric breakdown
- Very good reworkability
- Reliable processing through extra strong liner and backing

Application Fields

Wrapping & electrical insulation of battery cells 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

• Backing	PETP		• Color	black
• Type of adhesive	modified acrylic		• Color of liner	white
• Type of liner	PE-coated paper		• Thickness of liner	140 µm
• Total thickness	85 µm			

Properties/Performance Values

• Elongation at break	80 %		• Dielectric breakdown voltage	7000 V
• Tensile strength	74 N/cm			

Adhesion to Values

• Aluminium (initial)	2 N/cm		• Steel (initial)	6 N/cm
• Aluminium (after 14 days)	5 N/cm		• Steel (after 14 days)	6 N/cm

For latest information on this product please visit http://l.tesa.com/?ip=58353

tesa® 58353

Product Information

Disclaimer

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