tesa® 58358

Product Information

220 µm/8.66 mils s/s black PET electrical insulation tape

Product Description

tesa® 58358 is a black 220 µm/8.66 mils single sided PET insulation tape designed for electrical insulation of electric vehicle batteries and other components.

Main Features & Benefits

- Very strong adhesion to aluminum and steel
- Reliable protection against dielectric breakdown
- Suitable for high-speed automated processing through strong backing and liner
- Non-flammable acc. to FMVSS 302

Product Features

- Very strong adhesion to aluminum and steel
- Strong backing to resist mechanical stress
- Reliable protection against dielectric breakdown
- Suitable for high-speed automated processing through strong backing and liner
- Non-flammable acc. to FMVSS 302

Application Fields

Electrical insulation of battery cells and other components for 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	• Total thickness	220 µm 8.7 mils
• Type of adhesive	modified acrylic		
• Type of liner	paper	• Color of liner	white
		• Thickness of liner	70 µm 2.8 mils

For latest information on this product please visit http://l.tesa.com/?ip=58358

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Product Information

Properties/Performance Values

- Elongation at break 80 %
- Tensile strength 210 N/cm
  119.9 lbs/in
- Dielectric breakdown voltage 8000 V

Adhesion to Values

- Aluminium (initial) 10.5 N/cm
  95.9 oz/in

Disclaimer

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