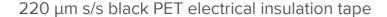


# tesa® 58358

## **Product Information**



# **Product Description**

tesa $^{\circ}$  58358 is a black 220  $\mu$ m single sided PET insulation tape designed for electrical insulation of electric vehicle batteries and other components.

#### **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 material	PETP	•	Colour	black
•	Type of adhesive	modified acrylic	•	Colour of liner	white
•	Type of liner	paper	•	Thickness of liner	70 μm
	Total thickness	220 um			

# **Properties/Performance Values**

•	Elongation at break	80 %	•	Dielectric breakdown voltage	8000 V
•	Tensile strength	210 N/cm			

#### Adhesion to Values

•	Aluminium (initial)	10.5 N/cm	•	Steel (initial)	15.3 N/cm
•	Aluminium (after 14 days)	13.2 N/cm	•	Steel (after 14 days)	17.4 N/cm



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