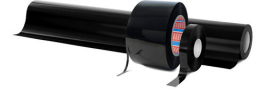# tesa® 58331

Product Information

85 µm (3.34 mil) s/s Black PET tape for electrical insulation applications.

Product Description

tesa® 58331 is a black 85µm (3.34 mil) single sided PET tape with a water-based acrylic adhesive that has been specifically designed for the electrical insulation of battery components.

Product Features

- Hi dielectric strength to insure reliable electrical insulation.
- Thin profile for applications with space constraints.
- Low CO2 footprint, no solvents.
- Designed with a PET liner for automation.
- Black color allows visual detection in production.

Application Fields

- Electrical insulation of battery 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	PET film		• Total thickness	85 µm
• Type of adhesive	acrylic			3.3 mils
• Type of liner	PET film		• Color of liner	transparent
			• Thickness of liner	30 µm
				1.2 mils

Properties/Performance Values

• Elongation at break	90 %		• Breakdown voltage	8.5 V
• Tensile strength	25 N/cm			
	14.3 lbs/in			

Adhesion to Values

• Aluminium (initial)	6 N/cm		• Steel	7 N/cm
	54.8 oz/in			64 oz/in

For latest information on this product please visit http://l.tesa.com/?ip=58331

tesa® 58331

Product Information

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

For latest information on this product please visit http://l.tesa.com/?ip=58331