



tesa® 58330

Product Information



55 µm s/s Black PET tape for Electrical Insulation applications

Product Description

tesa® 58330 is a black 55µm 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 | 55 µm |
| • Type of adhesive | acrylic | • Color of liner | 2.2 mils |
| • Type of liner | PET film | • Thickness of liner | transparent |
| | | | 30 µm |
| | | | 1.2 mils |

Properties/Performance Values

- Elongation at break 70 %

Adhesion to Values

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



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