tesa® 58314

Product Information



25 µm PP tape for in-cell applications in EV batteries

Product Description

tesa® 58314 is a light blue, linerless 25 µm Polypropylene (PP) tape with an acrylic adhesive.

It is designed for applications inside EV battery cells, offering electrolyte resistance and a PP backing. The 25µm thin construction supports a reduction in passive materials, enabling a more efficient and compact cell architecture. Its linerless design minimizes waste and supports an efficient application process.

Product Features

- Electrolyte resistance
- 25µm thin construction
- Linerless design

Application Fields

- Jelly-Roll Fixation
- Stack Fixation
- Cell-Tab Protection

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	PP film	• Total thickness	25 µm
• Type of adhesive	acrylic		

Properties/Performance Values

• Elongation at break	150 %	• Electrolyte resistance	yes
• Tensile strength	30 N/cm		

Adhesion to Values

• steel	1.3 N/cm

For latest information on this product please visit http://l.tesa.com/?ip=58314

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