

tesa® 58316

Product Information



33 µm PCR-PET tape for In-Cell applications

Product Description

tesa® 58316 is a 33 µm PCR-PET tape with an acrylic adhesive. tesa® 58316 has been designed for applications inside of EV battery cells.

Sustainable Aspects



For more information: <https://www.tesa.com/product-sustainability>

Product Features

- Electrolyte Resistance
- Laser Printability

Application Fields

- Jelly-Roll Fixation
- Stack Fixation
- Welding-Seam Protection
- 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 | Post consumer recycled PET | • Type of adhesive | acrylic |
| • Bio-based carbon content of liner (acc. DIN EN 16640) | 90 % | • Total thickness | 33 µm |

Properties/Performance Values

- | | | | |
|-----------------------|---------|--------------------------|-----|
| • Elongation at break | 100 % | • Electrolyte resistance | yes |
| • Tensile strength | 40 N/cm | | |

Adhesion to Values

- | | |
|---------|----------|
| • steel | 1.9 N/cm |
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For latest information on this product please visit <http://l.tesa.com/?ip=58316>

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