



tesa® 58352 Cell Wrapping

Product Information

85 µm PCR-PET tape for Electrical Insulation applications

Product Description

tesa® 58352 is a 85 µm PCR-PET tape with a water-based acrylic adhesive, available in blue and yellow. tesa® 58352 has been designed for electrical insulation applications in EV batteries.

Sustainable Aspects



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

Product Features

- Dielectric breakdown and leakage current protection
- Anti-Repulsion performance
- Reworkability
- Operating temperature -40°C to +80°C

Application Fields

- Cell-Wrapping
- Metal-Part Insulation

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

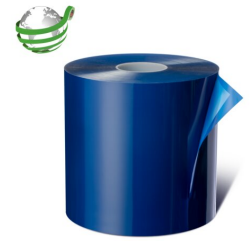
Product Construction

• Backing	PET film	• Type of liner	PET film
• Post-consumer recycled content of backing	90 %	• Total thickness	85 µm
• Type of adhesive	water-based acrylic	• Color of liner	transparent
• Bio-based carbon content of adhesive (acc. DIN EN 16640)	30 %	• Thickness of liner	23 µm

Properties/Performance Values

• Elongation at break	80 %	• CTI (adhesive side)	600 V
• Tensile strength	50 N/cm	• CTI (backing side)	400 V
• Breakdown voltage	7 KV	• Liner removal force	40 cN/cm

For latest information on this product please visit <http://l.tesa.com/?ip=58352>





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Adhesion to Values

- Steel 4.5 N/cm

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=58352>