

tesa® 4412

Product Information



Product Description

tesa® 4412 is a single-sided self-adhesive splicing tapes consisting of a thick, recycled PET backing and a tacky acrylic adhesive. The product features a high tear strength, a good bonding strength and a temperature resistant adhesive making it an excellent solution for splicing applications in electrode manufacturing.

Sustainable Aspects

- 90% post consumer recycled PET backing
- Solvent-free production process
- PFAS free

Product Features

- Strong, tear and puncture resistant backing
- Enhanced temperature resistance
- High bonding strength on aluminum and copper film
- White color provides for excellent optical detection

Application Fields

- Butt splicing of metal films in electrode production
- For processes such as coating, calendaring, notching, converting, laminating
- Suitable for manual and automated application

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 | Post consumer recycled PET | • Type of adhesive | acrylic |
| • Recycled content of backing | 90 % | • Total thickness | 56 µm |

Product Assortment

- | | |
|--------------------|-------|
| • Available colors | white |
|--------------------|-------|

Properties/Performance Values

- | | | | |
|-----------------------|---------|--------------------|-----|
| • Elongation at break | 130 % | • Silent unwinding | yes |
| • Tensile strength | 60 N/cm | | |

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Adhesion to Values

- Steel 3 N/cm

Additional Information

- Available in long rolls for automated application

Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=4412>