



# 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 |                    |     |



# tesa<sup>®</sup> 4412

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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=04412>