

tesa® ACXplus 66805

Product Information

0.5mm double-side acrylic foam tape

Product Description

tesa® 66805 is a single layer acrylic foam tape designed for mounting applications in EV battery such as: mica mounting application, cell to cell application. Its viscoelastic acrylic foam core achieves reliable and high bonding performance on a variety of substrates, and it can withstand changing environmental conditions throughout the lifetime of a vehicle.

- 0.4 mm thickness is available

Product Features

- Viscoelastic acrylic foam core to compensate for different thermal elongation of bonded parts
- Good dynamic and static shear resistance over a wide temperature range
- Good gap filling performance
- Good humidity and UV resistance
- Good converting properties

Application Fields

tesa® 66805 is suitable for E-mobility permanent mounting applications like:

- Mica Mounting
- Cell-to-cell mounting

To ensure the highest performance possible, our aim is to fully understand your application to provide the right product recommendation.

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 | foamed acrylic | • Total thickness | 500 µm |
| • Type of adhesive | none | • Color | gray |
| • Type of liner | PET film | | |

Properties/Performance Values

- | | | | |
|---------------------------|-----------|-----------------------------------|------------|
| • Ageing resistance (UV) | very good | • Static shear resistance at 90°C | good |
| • Static shear resistance | very good | • Temperature range | -40 to 125 |

Adhesion to Values

- | | | | |
|-----------------------------|---------|-----------------------|---------|
| • Aluminium (initial) | 9 N/cm | • PET (initial) | 8 N/cm |
| • Aluminium (after 14 days) | 20 N/cm | • PET (after 14 days) | 16 N/cm |

For latest information on this product please visit <http://l.tesa.com/?ip=66805>

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Additional Information

- Liner:
PV36 = Transparent blue siliconized PET film liner

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.



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