



# tesa® 61106

## Product Information



EPDM rubber closed cell single sided foam tape 12.7mm thick (black)

### Product Description

tesa® 61106 is a high-performance 12.7mm thick closed cell EPDM foam tape with an acrylic adhesive on one side. The EPDM foam is non-staining, non-corrosive and electrically non-conductive. The foam offers high temperature resistance (-40°C to 105°C) as well as resistance to UV light and ozone. tesa® 61106 is FDA approved to Section 177.26 (non-toxic, non-carcinogenic) standards and will not contaminate drinking water. It complies with auto industry standards and is compatible with plastics. The EPDM foam is also non-toxic and flame retardant according to Federal Motor Vehicle Safety Standard (FMVSS 302). The tape is available in six other thicknesses: 1.6mm (tesa® 61101), 3.2mm (tesa® 61102), 4.8 mm (tesa® 61103), 6.4 mm (tesa® 61104), 9.5 mm (tesa® 61105) and 19 mm (tesa® 61107).

### Applications

- tesa® 61106 foam tape is an ideal heavy-duty sealing solution for a wide range of sealing applications across the automotive, marine, food and beverage, enclosure and window glazing industries
- Premium grade sealing of electrical enclosures and switch cabinets
- Sealing exterior and interior lighting
- Sealing industrial access doors and hatches
- Sealing hatches on boats
- High-performance sealing of domestic and commercial glazing systems
- Seamless sealing of externally mounted air-conditioning equipment
- REACH and RoHS Certified

### Technical Information (average values)

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

### Applications

- |                    |                  |                   |          |
|--------------------|------------------|-------------------|----------|
| • Backing          | EPDM rubber foam | • Total thickness | 12700 µm |
| • Type of adhesive | acrylic          |                   |          |

### Properties/Performance Values

- |                            |           |                                    |                      |
|----------------------------|-----------|------------------------------------|----------------------|
| • Elongation at break      | 175 %     | • Temperature resistance max.      | 105 °C               |
| • Compression Set          | 7 %       | • Temperature resistance min.      | -40 °C               |
| • Flame retardance         | very good | • Tensile strength cm <sup>2</sup> | 54 N/cm <sup>2</sup> |
| • Hardness - Shore 00      | 37 STK    | • Water resistance                 | very good            |
| • Suitable for die cutting | yes       |                                    |                      |

### Adhesion to Values

- |         |         |
|---------|---------|
| • Steel | 12 N/cm |
|---------|---------|

For latest information on this product please visit <http://l.tesa.com/?ip=61106>



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Product Information

## Additional Information

REACH and RoHS compliant

## Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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=61106>