



# tesa® 61111

## Product Information



Neoprene closed cell single sided foam tape 1.6mm thick (black)

### Product Description

tesa® 61111 is a 1.6mm thick black neoprene foam tape with a natural rubber adhesive on one side. The closed cell foam offers outstanding resistance to oils and other petrochemicals and is compatible with most plastics. tesa® 61111 is flame retardant to FMVSS302 and complies with automotive industry standards. The product also creates an electrolysis barrier between different metals, making it suitable for enclosure type applications, particularly where contact with oil and petrol will occur. The tape is also available in other thicknesses: 3.2 mm (tesa® 61112), 4.8 mm (tesa® 61113), 6.4 mm (tesa® 61114), 9.5 mm (tesa® 61115) and 12.7 mm (tesa® 61116).

### Applications

- tesa® 61111 foam tape is well-suited for sealing in transport applications due to its high resistance to petrol and oil. The product is commonly used in sealing applications in trucks, buses, special-purpose vehicles, boats, yachts and caravans
- Sealing engine bays where contact with oil can occur
- Sealing access panel doors in machinery and transportation vehicles
- Sealing electrical enclosures and switch cabinets
- Sealing hatches on boats and yachts
- Sealing industrial access doors and hatches
- Sealing exterior and interior lighting

### 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          | Neoprene rubber foam | • Total thickness | 1600 µm |
| • Type of adhesive | natural rubber       |                   |         |

### Properties/Performance Values

- |                       |           |                                    |                      |
|-----------------------|-----------|------------------------------------|----------------------|
| • Elongation at break | 175 %     | • Suitable for die cutting         | yes                  |
| • Chemical Resistance | very good | • Temperature resistance max.      | 70 °C                |
| • Compression Set     | 9 %       | • Temperature resistance min.      | -40 °C               |
| • Flame retardance    | very good | • Tensile strength cm <sup>2</sup> | 41 N/cm <sup>2</sup> |
| • Hardness - Shore 00 | 37 STK    | • Water resistance                 | very good            |

### Adhesion to Values

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

For latest information on this product please visit <http://l.tesa.com/?ip=61111>



# tesa<sup>®</sup> 61111

## Product Information

### 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=61111>