

# tesa® 66709

## Product Information



EPDM rubber closed cell single sided foam tape 9.5mm thick (black)

## Product Description

tesa® 66709 is a single sided closed-cell EPDM foam tape with an acrylic adhesive on one side.

## Product Features

- Closed cell foam can create waterproof barrier when compressed
- Non-staining, non-corrosive, non-conductive foam
- Resistant to moisture & UV
- Flame retardant to FMVSS 302
- Plastic compatible

## Application Fields

- Sealing cladding joints
- Sealing for water tanks
- Sealing electrical enclosures and switch cabinets
- Sealing interior and exterior lighting
- Sealing industrial access doors and hatches
- Sealing domestic and commercial glazing systems
- Sealing externally mounted air conditioning equipment
- Gaskets and vibration dampening for automotive & transport applications

## 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          | EPDM rubber foam | • Total thickness | 9.5 mm |
| • Type of adhesive | acrylic          | • Color           | black  |

## Properties/Performance Values

- |                               |         |                                    |           |
|-------------------------------|---------|------------------------------------|-----------|
| • Elongation at break         | 55 %    | • Temperature resistance min.      | -40 °C    |
| • Tensile strength            | 15 N/cm | • Thermal conductivity z-direction | 0.05 W/mK |
| • Hardness - Shore 00         | 40 STK  | • Water resistance                 | very good |
| • Temperature resistance max. | 115 °C  |                                    |           |

## Adhesion to Values

- |                   |          |
|-------------------|----------|
| • Steel (initial) | 5.5 N/cm |
|-------------------|----------|

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### Additional Information

- Foam density 140 kg/m<sup>3</sup> according to ASTM D792
- Foam 25% compression strength: 45 kPa according to ASTM D1056
- EPDM foam backing tested according to FDA 21CFR 177.2600 (distilled water method)

### 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=66709>