



# tesa® 60109

## Product Information



Soft grade PVC closed cell single sided foam tape 9.5mm thick (black and grey)

### Product Description

tesa® 60109 is a 9.5mm thick soft grade closed cell polyvinyl chloride (PVC) foam tape with an acrylic adhesive on one side. The closed cell foam can create a waterproof barrier when compressed, while the soft grade PVC foam is flexible and conformable to help seal uneven surfaces. Even after long periods of holding heavy weight, it will rapidly return to its original state. The PVC foam tape is resistant to UV, ozone, oxidation and fungi. The black foam tape version is flame retardant to FMVSS 302 and approved for use in the automotive industry. The tape is available in black and grey, in additional thicknesses: 3.2mm (tesa® 60103), 4.8mm (tesa® 60105), 6.4mm (tesa® 60106) and 12.7mm (tesa® 60112).

### Applications

- tesa® 60109 is suitable for a number of sealing applications, especially on uneven surfaces including corrugated sheeting which requires sealing
- The tape is used for sealing panels on portable buildings, caravan panels or dam walls
- tesa® 60109 is used for sound reduction on aluminium boat hulls
- The foam tape is used as a vibration dampener on automotive weather shields
- The black tape acts as a flame retardant
- REACH and RoHS compliant

### 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          | PVC foam | • Total thickness | 9500 µm |
| • Type of adhesive | acrylic  |                   |         |

### Properties/Performance Values

- |                       |        |                                    |                      |
|-----------------------|--------|------------------------------------|----------------------|
| • Elongation at break | 150 %  | • Temperature resistance max.      | 80 °C                |
| • Chemical Resistance | good   | • Temperature resistance min.      | -40 °C               |
| • Compression Set     | 5 %    | • Tensile strength cm <sup>2</sup> | 20 N/cm <sup>2</sup> |
| • Hardness - Shore 00 | 25 STK | • Water resistance                 | good                 |

### Adhesion to Values

- |         |         |
|---------|---------|
| • Steel | 15 N/cm |
|---------|---------|

### Additional Information

Black is flame retardant

Black differs from Grey in compression set and shore hardness. Figures shown are those relating to Grey

Black: Adhesion to Steel (6N/cm), Hardness - Shore 00 (21), Compression Set (4%)

For latest information on this product please visit <http://l.tesa.com/?ip=60109>



# tesa<sup>®</sup> 60109

## 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=60109>