



tesa® 60103

Product Information



Soft grade PVC closed cell single sided foam tape 3.2mm thick (black and grey)

Product Description

tesa® 60103 is a 3.2mm 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: 4.8mm (tesa® 60105), 6.4mm (tesa® 60106), 9.5mm (tesa® 60109) and 12.7mm (tesa® 60112).

Applications

- tesa® 60103 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® 60103 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 | 3200 µm |
| • Type of adhesive | acrylic | | |

Properties/Performance Values

- | | | | |
|-----------------------|--------|------------------------------------|----------------------|
| • Elongation at break | 150 % | • Suitable for die cutting | yes |
| • Chemical Resistance | good | • Temperature resistance max. | 80 °C |
| • Compression Set | 5 % | • Temperature resistance min. | -40 °C |
| • Flame retardance | low | • Tensile strength cm ² | 20 N/cm ² |
| • Hardness - Shore 00 | 25 STK | • Water resistance | very good |

Adhesion to Values

- | | |
|---------|----------|
| • Steel | 2.8 N/cm |
|---------|----------|

Additional Information

Black has different Compression set and shore hardness to that of the Grey.
Figures shown relate to Grey

For latest information on this product please visit <http://l.tesa.com/?ip=60103>



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Tensile Strength for Black material is 17N/cm²

Disclaimer

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