tesa® 61106

Product Information

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

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 excellent resistance to UV light, ozone and weathering, making it ideal for outdoor use. 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).

Main Application

*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

Technical Information (average values)

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

Technical Data

- **Backiing material**: EPDM rubber foam
- **Total thickness**: 12700 µm
- **Type of adhesive**: acrylic
- **Elongation at break**: 175 %
- **Tensile strength cm²**: 54 N/cm²
- **Temperature resistance from**: -40 °C
- **Temperature resistance up to**: 105 °C
- **Compression Set**: 7 %
- **Hardness - Shore 00**: 37 STK
- **Water Tightness**: 100 %

Adhesion to

- **steel**: 12.0 N/cm

Properties

- **Suitable for die cutting**: Yes
- **Water resistance**: Yes
- **Flame retardant**: Yes

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

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