

tesa® 66712

Product Information



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

Product Description

tesa® 66712 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 | 12.7 mm |
| • Type of adhesive | acrylic | • Color | black |

Properties/Performance Values

- | | | | |
|-------------------------------|---------|------------------------------------|-----------|
| • Elongation at break | 55 % | • Temperature resistance min. | -40 °C |
| • Tensile strength | 18 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/m³ 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

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