

tesa® 64803

Product Information



High density PVC closed cell double sided foam tape 3.2mm thick (black). Ideal for use in the glazing market

Product Description

tesa® 64803 is a double sided closed-cell PVC foam tape with an acrylic adhesive on both sides. The closed cell foam can create a waterproof barrier when compressed, while still being flexible enough to seal uneven surfaces. The higher density foam of tesa® 648 Series foam tapes has a great resistance to water penetration, making it the ideal choice for sealing applications in the glazing market. The product is available in customized die cuts.

Product Features

- Adheres to wide variety of surfaces
- Resistant to moisture and UV
- Foam backing will absorb sound and dampen vibration
- Compressible foam can be used for die cutting and gaskets

Application Fields

tesa® 648 series foam tape is an approved primary glazing seal for domestic and commercial glazing systems.

Application ideas:

- Primary seal between the glass and metal frame in commercial and domestic windows and window walls
- Dampening vibrations between the metal frame and cladding in the transport industry
- Die-cut corner seal in domestic and commercial windows.

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 | PVC foam | • Total thickness | 3200 µm |
| • Type of adhesive | acrylic | • Color | black |
| • Type of liner | paper | | |

Properties/Performance Values

| | | | |
|--------------------------|---------|-------------------------------------|--------|
| • Elongation at break | 65 % | • Temperature resistance long term | 90 °C |
| • Tensile strength | 20 N/cm | • Temperature resistance short term | 105 °C |
| • Ageing resistance (UV) | good | | |

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Adhesion to Values

| | | | |
|-------------------------|--------|-------------------------|----------|
| • Glass (initial) | 5 N/cm | • Steel (initial) | 6.5 N/cm |
| • Glass (after 14 days) | 7 N/cm | • Steel (after 14 days) | 8 N/cm |

Storage Conditions

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Temperature: +5°C to +30°C

Relative humidity: 10% to 90%

Precautions: protect for direct sun light, do not store outside

Other storage advice: avoid mechanical impacts and short overheating

Additional Information

- Foam density 250 kg/m³ according to ASTM D792
- Foam 25% compression strength: 110 kPa according to ASTM D105

Disclaimer

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