

# 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/m<sup>3</sup> according to ASTM D792
- Foam 25% compression strength: 110 kPa according to ASTM D105

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=64803>