



# tesa<sup>®</sup> 51408

## Product Information



Flame retardant Kapton<sup>®</sup> high grade Masking Tape

### Product Description

tesa<sup>®</sup> 51408 (Kapton<sup>®</sup> backing with silicone adhesive) is a highly temperature-resistant and high grade adhesive tape

### Product Features

- High temperature resistance (up to 260°C)
- Flame retardant according to UL510 and DIN EN 60454-2 (VDE 0340-2):2008-05, clause 20
- High chemical resistance and dielectric strength
- Residue-free removability for masking applications

### Application Fields

tesa<sup>®</sup> 51408 can withstand high temperatures for limited periods of time (250°C/ 482 F = 1.000 hours, 350°C/ 662 F = 10 hours).

### 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 material | Polyimide | • Total thickness | 65 µm |
| • Type of adhesive | silicone  |                   |       |

### Properties/Performance Values

- |                       |         |                                |        |
|-----------------------|---------|--------------------------------|--------|
| • Elongation at break | 70 %    | • Dielectric breakdown voltage | 6000 V |
| • Tensile strength    | 46 N/cm | • Insulation class             | H      |

### Adhesion to Values

- |         |          |
|---------|----------|
| • steel | 2.8 N/cm |
|---------|----------|



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## Product Information

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=51408>