



tesa[®] 51408

Product Information



Flame retardant polyimide high grade masking tape

Product Description

tesa[®] 51408 is a high temperature resistant masking tape featuring a polyimide backing with a silicone adhesive. Features and benefits include:

- Flame retardant
- Chemical resistance
- High temperature resistance (up to 260°C in continuous and up to 315°C in short term, intermittent usage)

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

- Wave soldering
- Powder coating
- Chemical production processes

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 | 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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