



tesa[®] 51408

Product Information



Flame retardant Kapton[®] high grade Masking Tape

Product Description

tesa[®] 51408 (Kapton[®] 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[®] 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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