



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

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 | 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 |
|---------|----------|

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.