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## SynTape® TF.50

SynTape® TF.50 is a brown PTFE adhesive tape with silicone adhesive. The backing thickness is 0.050 mm.

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### Attributes

The pure PTFE-tape TF.50, with extremely high short-term thermal resistance of up to 260 °C, has excellent gliding properties, provides long service life and is flame retardant according to UL 510..

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### Application

When high temperatures, high ageing resistance and good sliding properties are required. It is often used for the insulation of highfrequency parts.

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### Delivery forms

- Width: From 2.5 mm, in 0.1 mm increments
- Standard length: 50 m
- Core diameter: 76 mm (3")
- Special widths on request

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### Glue

Silicone

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### Adhesive

one-sided

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### Storage

6 months at room temperature. Adhesive tapes should be stored in a cool, dry place at approx. 20 °C and 50 - 60 % relative humidity. The storage period should not exceed 6 months.

| General                          | Unit of measure |           |
|----------------------------------|-----------------|-----------|
| Flame retardant                  |                 | UL510     |
| Thermal class                    |                 | 180 °C/ H |
| Tensile strength                 | N/cm            | 40        |
| Dielectric strength              | kV              | 9         |
| Adhesiveness / Adhesion to steel | N/cm            | 3.0       |
| Elongation at break              | %               | 100       |
| Total thickness                  | mm              | 0.100     |
| Adhesive                         |                 | Silicone  |
| Backing thickness                | mm              | 0.050     |
| Backing                          |                 | PTFE film |
| Standard colours                 |                 | brown     |
| Type/ Ordering information       |                 | TF.50     |

The information on this data sheet is based on the information provided by our supplier. It does not represent any specification or agreements regarding conditions or properties. The indicated values are standard values. Deviations from those values due to production and application cannot be excluded. The information on this data sheet is addressed to experts who use it at their own discretion and at their own risk. We do not guarantee results, or accept liability for the indicated specifications or for results obtained based on the specifications. Please contact us for more detailed information. Non-toxic and toxic substances are listed on the safety data sheet.

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