
SynTape® TFE.130

SynTape® TFE.130 is a grey PTFE adhesive tape with silicone adhesive. The backing thickness is 0.13 mm.

Attributes

The tape TFE.130, with extremely high short-term thermal resistance of up to 260 °C, has excellent gliding properties, provides long service life and good mechanical load capacity, is flame retardant according to UL 510 and listed with flammability of UL 94V0.

Application

When high temperatures, high ageing resistance, good sliding properties and good mechanical load capacity are required. It is often used for the insulation of high-frequency parts.

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

Glue

Silicone

Adhesive

one-sided

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 | |
|----------------------------------|-----------------|--------------|
| Temperature range | | up to +260°C |
| Dielectric strength | kV | 11.5 |
| Thermal class | | 180 °C/ H |
| Tensile strength | N/cm | 80 |
| Elongation at break | % | 320 |
| Adhesiveness / Adhesion to steel | N/cm | 3.5 |
| Total thickness | mm | 0.190 |
| Adhesive | | Silicone |
| Backing thickness | mm | 0.130 |
| Backing | | PTFE film |
| Standard colours | | grey |
| Type/ Ordering information | | TFE.130 |

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