
SynTape® H/ 301

SynTape® H/ 301 is a polyimide adhesive tape with silicone adhesive for the highest electrical and thermal demands.

Attributes

SynTape® H/ 301 has good adhesiveness over a large temperature range, high dielectric strength and smooth removal from the roll.

Application

SynTape® H/ 301 is used for masking of printed circuit board contacts when soldering with subsequent residue-free removal.

Delivery forms

- Width: from 2.5 mm, in 0.1 mm increments
- Standard length: 66 m
- Core diameter: 76 mm (3")
- Special widths on request.

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.

| Technical data | Unit of measure | |
|----------------------------------|-----------------|-------------------|
| Type/ Ordering information | | 301 |
| Standard colours | | Brown-transparent |
| Backing | | Polyimide |
| Adhesive | | Silicone |
| Total thickness | mm | 0.060 ± 0.005 |
| Backing thickness | mm | 0.030 ± 0.003 |
| Coefficient of expansion | | ≥ 50 % |
| Tensile strength | N/10 mm | ≥ 35 |
| Adhesiveness / Adhesion to steel | N/cm | ≥ 1.6 |
| Dielectric strength | kV | ≥ 5.5 |
| Thermal class | °C | 180 (H) |

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