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## SynTape® H/ 301

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

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### Attributes

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

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### Application

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

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### 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.

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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.

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Updated 02/19



| 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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