SynFlex Elektro GmbH
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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.

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.

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Updated 02/19

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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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