



KAPTON TAPE® CLASS H 180°C UL- APPROVED

Tape for high thermal loads, can withstand temperatures up to +300°C for shorter periods.

- Working temperature +180°C, Intermittent: +300°C
- Dielectric strength 6.0 kV

PRODUCT INFORMATION

A tape with outstanding thermal properties.

Typical applications

Suitable for the electrical insulation of spools, electric motors, as well as the protection of circuit boards when soldering. Withstands temperatures up to 300°C for shorter periods of time

Properties

- For high thermal loads
- High temperature resistance
- Acid resistant
- Withstands radiation

Composition

- Kapton film/adhesive agent: silicone

Colour

- Brown yellow

Packaging

- On rolls of 33 m (tolerance -0 m/+ 1 m)
- Tolerance width ± 0.2 mm.
- Inner core of roll 76 mm $\pm 3\%$
- Storability 12 months

Technical data

- Silicone adhesive agent has an outstanding resistance to high temperatures and ageing. It is ideally suited for covering anti-adherent surfaces and can be removed without leaving any residue.
- Working temperature: -50°C - + 180°C, Intermittent +300°C
- Max elongation: 40%
- Tensile strength: 165 N/cm
- Thickness: 0.06 mm $\pm 10\%$
- Dielectric strength: 6 kV
- Bond strength on steel: 2.1-2.7 N/cm

Approvals, standards

- Test methods AFERA, PSTC, IEC EN 60454-2
- UL file E178430
- UL 510, Flame retardant

Item number	Dimensions
05 070 0012	12mm x 33m
05 070 0019	19mm x 33m
05 070 0025	25mm x 33m

Product information for which Carbex bears no responsibility is provided by the manufacturer.

