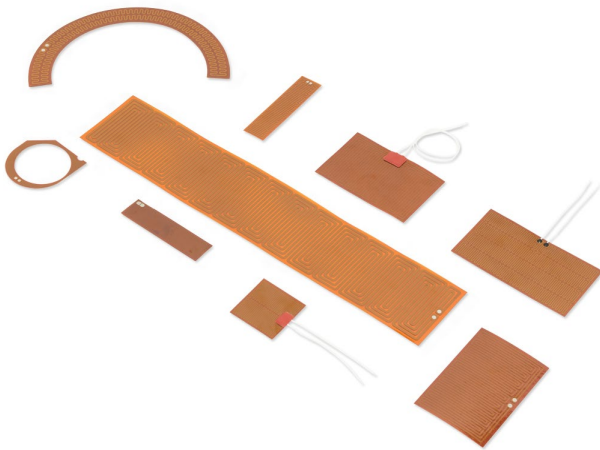


Technical data

Kapton Heating Element (Polyimide)

Foil Heating Element

Stand 03.2025



Description

Our polyimide heating elements are based on an advanced design in which an etched resistance element is laminated between two layers of polyimide film. This manufacturing method enables an exceptionally thin, lightweight, and flexible construction while ensuring high electrical insulation strength.

Thanks to their excellent thermal conductivity and short response time, these foil heating elements provide efficient heating and rapid cooling. They are also highly resistant to chemicals, oils, acids, and bases, making them ideal for demanding industrial applications.

Our polyimide heating elements are available in various voltage and power ranges and can be customised to meet specific application requirements.

Customisable Features

- Integrated temperature sensors for precise control
- Thermal cut-offs for maximum safety
- Self-adhesive backing for easy installation

Rec. Temperature Range:	-40 to 200°C non-self-adhesive -30 to 175°C self-adhesive
max. Temperature Range:	220°C Short-Term
Rec. Surface Load*:	Up to 0,80 W/cm ²
Power Tolerance:	+5 / -10 %
Voltage Range:	Up to 230 Volts
PTC Effect:	Not applicable
Multiple Heating Circuits:	Possible
Shape:	Custom-made
max. Size:	285 × 550 mm
min. Size:	25 × 25 mm

Geschäftsführung: | Management:

Andrejel Zajac
Miroslav Zajac

Amtsgericht Freiburg | Local Court Freiburg

HRB 602993

Steuernummer: | Tax number:

22060/09227

USt-IdNr: | VAT number:

DE236047387

Zollnummer: | Customs number:

DE6695698

Bankverbindung | Bank connection

Bank: Deutsche Bank
BLZ: | Bank Code: 694 700 24
Konto Nr.: | Account No.: 061 60 60
IBAN: DE02 6947 0024 0061 6060 00
BIC (SWIFT-CODE): DEUTDE33

ELECTRIC FOIL HEATING SOLUTIONS

- Additional configurations available based on requirements and application

min. Height:	0,2 - 0,3 mm
Flexibility:	2D
min. Bending Radius:	2,0 mm
IP Protection:	IP64
Shielding / Grounding:	Possible
Integrated Sensor / Fuse:	Possible
Self-Adhesive:	Possible up to 175°C
UL Version:	Not possible
min. Order Quantity:	From 20 pieces

*Depending on the application, higher surface loads are possible, provided that efficient heat dissipation and fast regulation are ensured.

The information in this table is for guidance only and does not constitute any guarantee claims.

Contact

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