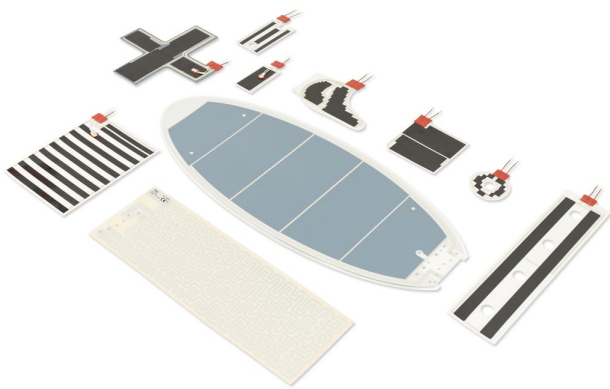


## Technical data

# Polyester Heating Element

Foil heating element

Stand 03.2025



## Description

Our polyester flat heating elements consist of a thin, flexible polyester film onto which a heating resistance is precisely applied using the squeegee technique. This manufacturing method allows for a minimal thickness of just 0.2 mm and ensures an even and controlled heat distribution.

Due to their particularly flat and adaptable design, these heating elements are ideal for applications with limited space. They provide targeted heat transfer exactly where it is needed, offering an energy-efficient heating solution for a wide range of applications. Additionally, spiral versions are available, which are perfect for heating pipes, hoses, and cable systems.

Our polyester heating elements are available in various voltage and power ratings and can be customised to meet specific requirements.

### Optional features:

- PTC technology for self-regulating heating power

Rec. Temperature Range:	-30 - 90°C
max. Temperature Range:	130°C Short-Term
Rec. Surface Load*:	Up to 0.20 W/cm <sup>2</sup>
Power Tolerance:	+/- 10 %
Voltage Range:	Up to 400 Volts
PTC-Effekt:	Possible
Multiple Heating Circuits:	Possible
Shape:	Custom-made
max. Size:	1,000 × 600 mm
min. Size:	25 × 25 mm
min. Height:	0.20 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): DEUTDE33HAN30

## ELECTRIC FOIL HEATING SOLUTIONS

- Integrated temperature sensors for precise control
- Self-adhesive backing for easy installation
- Shielding or protective earth for maximum safety
- Additional features are available depending on the requirements and application

Flexibility:	2D
min. Bending Radius:	5.0 mm
IP Protection:	IP64
Shielding / Grounding:	Possible
Integrated Sensor / Fuse:	Possible
Self-Adhesive:	Possible
UL Version:	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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