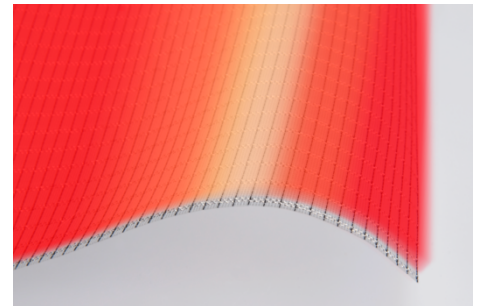


SEFAR PowerHeat

The SEFAR PowerHeat fabric consists of polymers, copper strands and electrically conductive yarns and is ideally suited for applications in the automotive industry, healthcare and home textiles due to its integration versatility.



Product features

SEFAR PowerHeat – Heating fabric

The PowerHeat heating fabric is flexible, efficient and can be integrated into most production processes.

PowerHeat brings you versatile benefits:

- Highest energy efficiency
- Light and thin
- 3D mouldable
- Safe - no hotspots
- Robust
- Process integration: injection, foaming, laminating, gluing in
- Free shaping and any cutting to size
- Various voltage and power ranges (up to 50V AC / 120V DC and up to 2000W/m²)
- Very fast heating time
- First class value appeal
- Translucent
- Isolated as required
- High air permeability

DOWNLOADS

Broschüre: SEFAR PowerHeat NT (PDF 4826 kb)

Flyer: SEFAR PowerHeat NT for Automotive Interior (PDF 231 kb)

Sefar SA de CV

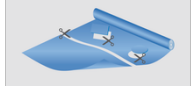
Carretera Tepotzotlán la Aurora Km .1
 Nave 3 Módulo "A" S/Número
 Col: Axotlán
 Cuautitlán Izcalli, Edo de México
 C.P. 54719

Phone +52 55 5899 6100
 Fax +52 55 5899 6129

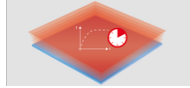
info.mexico@sefar.com

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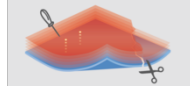
■ Partly self-regulating thanks to PTC characteristic



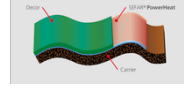
Free cut to size



Quick heating up

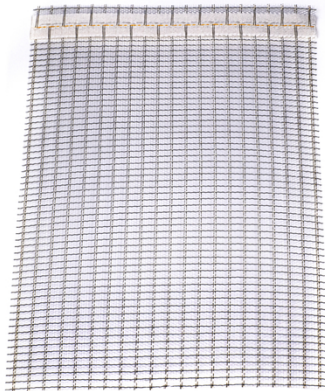


Continue to function,
even if damaged

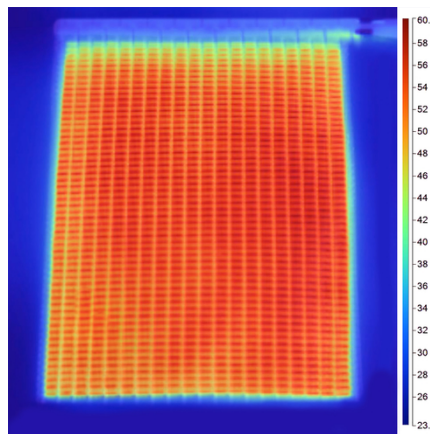


Easy integration
through flexible fabric

SEFAR PowerHeat Fabric



Normal view



Infrared view

Area performance compared to operating voltage of selected SEFAR PowerHeat fabrics

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Cuautitlán Izcalli, Edo de México
C.P. 54719

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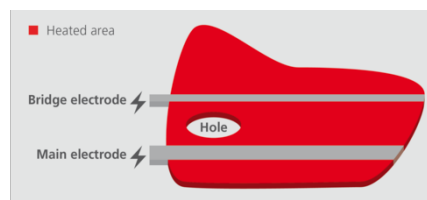
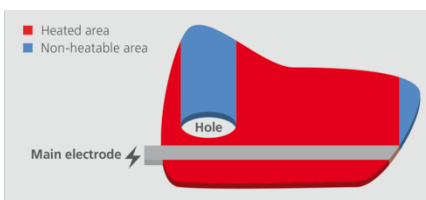
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Power density vs. Power supply

We offer various area power ratings from 10 to over 1000W/m² at operating voltages up to 50V AC / 120 V DC.

Free shaping, back pulls can be heated with bridge electrode



Presentation of a cut of the SEFAR PowerHeat fabric

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 Cuautitlán Izcalli, Edo de México
 C.P. 54719

Phone +52 55 5899 6100
 Fax +52 55 5899 6129

info.mexico@sefar.com

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Applications

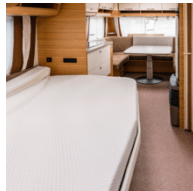
- Automotive interior
- Battery and fuel cell heating
- Personal well-being: pillows, blankets
- Hand tools
- De-icing
- Medicine
- Food and drink tempering
- Underfloor heating in mobile homes and caravans



Automotive Interior Heating



Warming armrest



Underfloor heating in the caravan/ mobile home



Heater chainsaw

The PowerHeat heating fabric from Sefar at a glance:

- Fast heat-up time, powerful

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Fax +52 55 5899 6129

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- Extremely homogeneous heat distribution
- Very good process integration
- 3D mouldable, any shape
- Secure

We offer various area power ratings from 10 to over 1000W/m² at operating voltages up to 50V AC / 120 V DC.

Locations



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Col: Axotlán
Cuautitlán Izcalli, Edo de México
C.P. 54719
Phone: +52 55 5899 6100
Fax: +52 55 5899 6129

■ E-Mail



Sefar SA de CV

Serigrafía
Antonio I. Villarreal N° 2323 Norte
Col. Moderna
Monterrey, Nuevo León
C.P. 64530
Phone: +52 81 8345 8164
Fax:

■ E-Mail

Sefar SA de CV

Carretera Tepetzotlán la Aurora Km .1
Nave 3 Módulo "A" S/Número
Col: Axotlán
Cuautitlán Izcalli, Edo de México
C.P. 54719

Phone +52 55 5899 6100
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