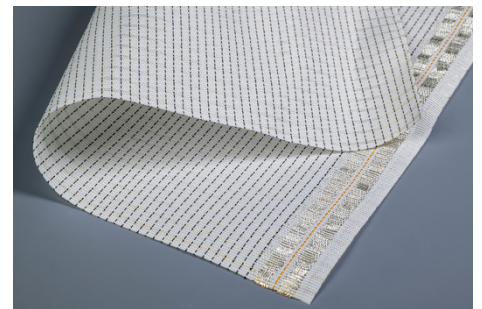
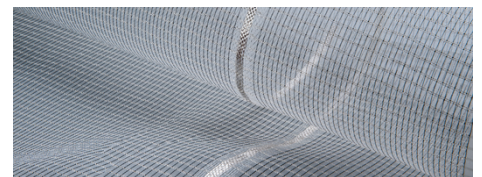
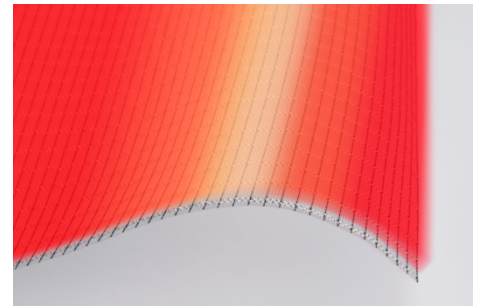


SEFAR PowerHeat

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
- Partly self-regulating thanks to PTC characteristic

DOWNLOADS

Broschüre: SEFAR PowerHeat NT (PDF 4826 kb)

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

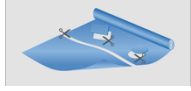
Sefar Filtration Solutions (SuZhou) Co.,LTD

2 Jingdong Road, Weiting Town,
 Suzhou Industrial Park,
 Jiangsu Province, P.R.China 215121

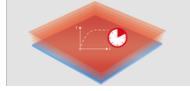
Phone +86 512 6283 6383
 Fax +86 512-62836380

info.cn@sefar.com

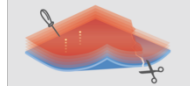
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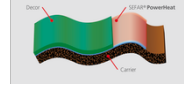
Free cut to size



Quick heating up

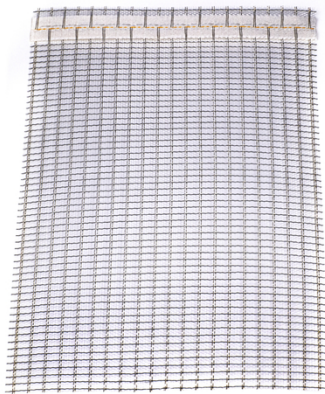


Continue to function, even if damaged

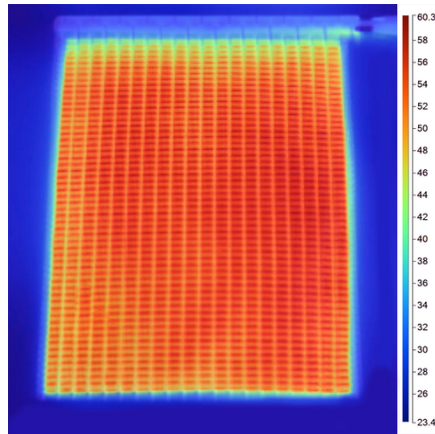


Easy integration through flexible fabric

SEFAR PowerHeat Fabric

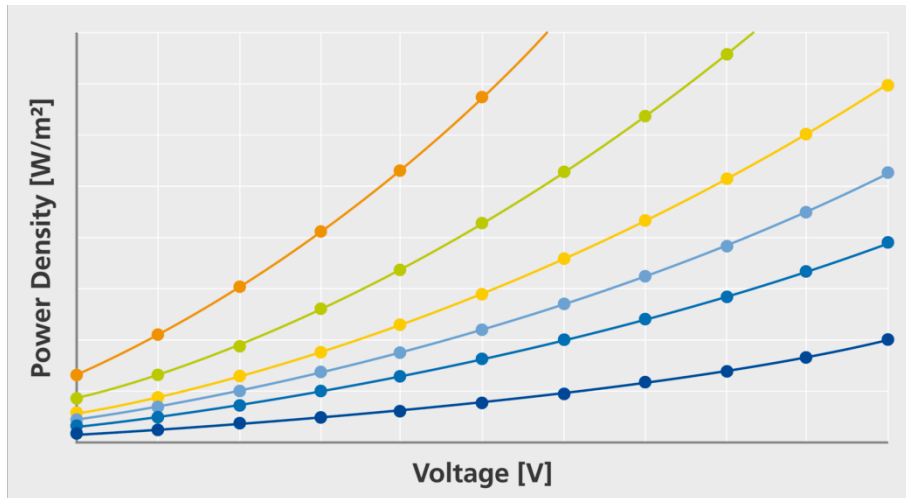


Normal view



Infrared view

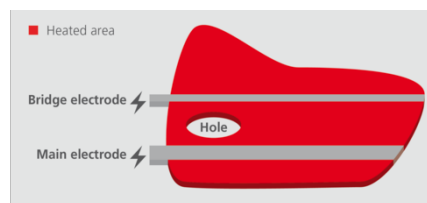
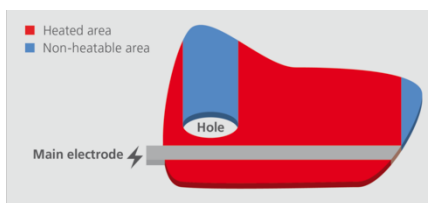
Area performance compared to operating voltage of selected SEFAR PowerHeat fabrics



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

Sefar Filtration Solutions (SuZhou) Co.,LTD

2 Jingdong Road, Weiting Town,
 Suzhou Industrial Park,
 Jiangsu Province, P.R.China 215121

Phone +86 512 6283 6383
 Fax +86 512-62836380

info.cn@sefar.com

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Applications

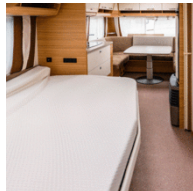
- Automotive interior
- Battery and fuel cell heating
- Personal well-being: pillows, blankets
- Hand tools
- De-icing
- Medicine
- Food and drink tempering
- Underfloor heating in mobile homes and caravans



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
- Extremely homogeneous heat distribution

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Jiangsu Province, P.R. China 215121

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Fax +86 512-62836380

info.cn@sefar.com

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- 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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2 Jingdong Road, Weiting Town,
Suzhou Industrial Park,
Jiangsu Province, P.R. China
215121
Phone: +86 512 6283 6383
Fax: +86 512-62836380

■ **E-Mail**



Sefar Trading (Shenzhen) Co. Ltd.

Room 3607, 36/F,
Golden Central Tower,
No. 3037, Jintian Road,
Futian District,
Shenzhen, China 518048
Phone: +86 755 2382 0322
Fax: +86 755 2382 5090

■ **E-Mail**

Sefar Filtration Solutions (SuZhou) Co.,LTD

2 Jingdong Road, Weiting Town,
Suzhou Industrial Park,
Jiangsu Province, P.R. China 215121

Phone +86 512 6283 6383
Fax +86 512-62836380

info.cn@sefar.com

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