

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.

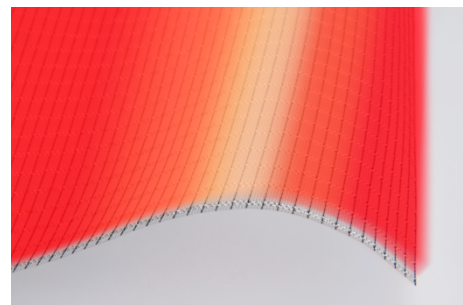
Product features

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 Pty Ltd Filtration and Metal Mesh

19-21 Huntingwood Drive
Huntingwood NSW 2148
Australia

Phone +61 2 8822 1700
Fax +61 2 8822 1744

oceaniasales@sefar.com

[Go to product page](#)



Free cut to size



Quick heating up



Continue to function,
even if damaged

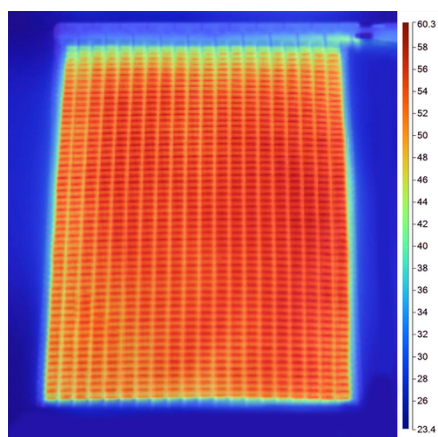


Easy integration
through flexible fabric

SEFAR PowerHeat Fabric



Normal view



Infrared view

Area performance compared to operating voltage of selected SEFAR PowerHeat fabrics

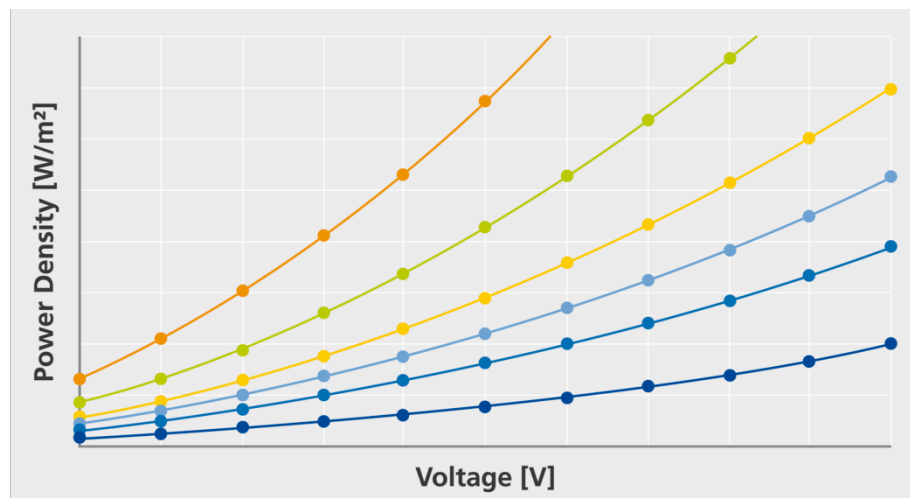
Sefar Pty Ltd Filtration and Metal Mesh

19-21 Huntingwood Drive
Huntingwood NSW 2148
Australia

Phone +61 2 8822 1700
Fax +61 2 8822 1744

oceaniasales@sefar.com

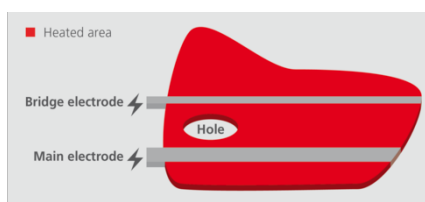
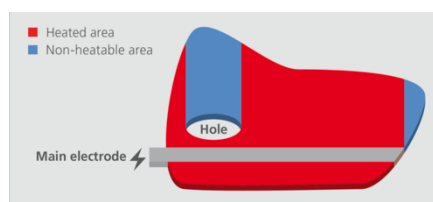
[Go to product page](#)



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 Pty Ltd Filtration and Metal Mesh

19-21 Huntingwood Drive
Huntingwood NSW 2148
Australia

Phone +61 2 8822 1700
Fax +61 2 8822 1744

oceaniasales@sefar.com

[Go to product page](#)

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



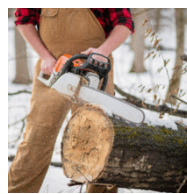
Automotive Interior Heating



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

Sefar Pty Ltd Filtration and Metal Mesh

19-21 Huntingwood Drive
Huntingwood NSW 2148
Australia

Phone +61 2 8822 1700
Fax +61 2 8822 1744

oceaniasales@sefar.com

[Go to product page](#)

- 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



Sefar Pty Ltd Filtration and Metal Mesh

19-21 Huntingwood Drive
Huntingwood NSW 2148
Australia
Phone: +61 2 8822 1700
Fax: +61 2 8822 1744

■ E-Mail



Sefar Pty Ltd Filtration and Metal Mesh

Unit 4, 68 Callaway Street
Wangara WA 6065
Australia
Phone: +61 8 9303 2600
Fax: +61 8 6305 0930

■ E-Mail

Sefar Pty Ltd Filtration and Metal Mesh

19-21 Huntingwood Drive
Huntingwood NSW 2148
Australia

Phone +61 2 8822 1700
Fax +61 2 8822 1744

oceaniasales@sefar.com

[Go to product page](#)