



Technical data sheet

# IR-heating foil

## Flexible IR-heating foils for infrared warming cabins

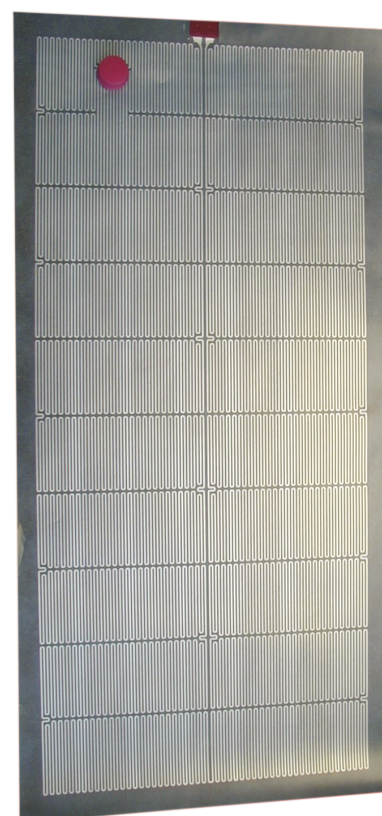
Flexible IR-heating foils are designed for concealed installation in infrared heating cabins. They provide very stable large-surface heat emission and are available in numerous sizes and power outputs. Suitable for domestic and commercial use.

### Your advantages:

- Concealed installation - not visible inside the cabin.
- High performance - approx. 110°C surface temperature.
- Mild long-wave (IR-C) infrared heat.
- Built-in thermostatic overheating protection.
- Flexible, available in 6 sizes and power outputs.
- Pre-mounted 3 m connection cable.
- Made in Germany quality from EOS.

### Specifications and features:

Material:	flexible polyester foil with aluminium-based heating tracks. Heavy metal free
Infrared range:	long-wave (far infrared) >6 µm (IR-C)
Temperature range:	average 110°C surface temperature
Overheating protection:	built-in thermostatic protection, automatic cut-off at 120°C
Sizes:	6 sizes available (see overleaf)
Power output:	depending on size (see overleaf)
Power supply:	230 V 1N AC 50 Hz
Installation:	wall-mounting, concealed installation inside wall structure. 40 mm border on all sides for mechanical fixation.

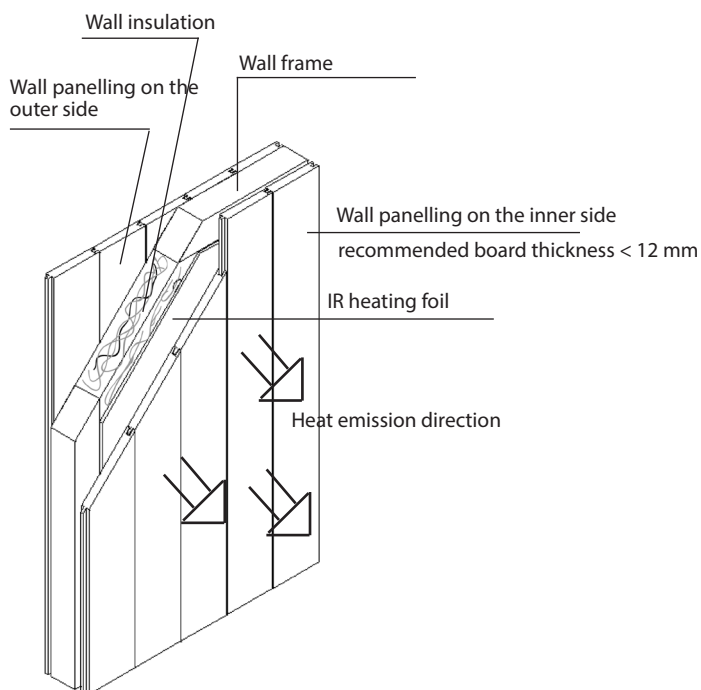


Bottom side. Pre-mounted cable not shown.



MADE IN GERMANY

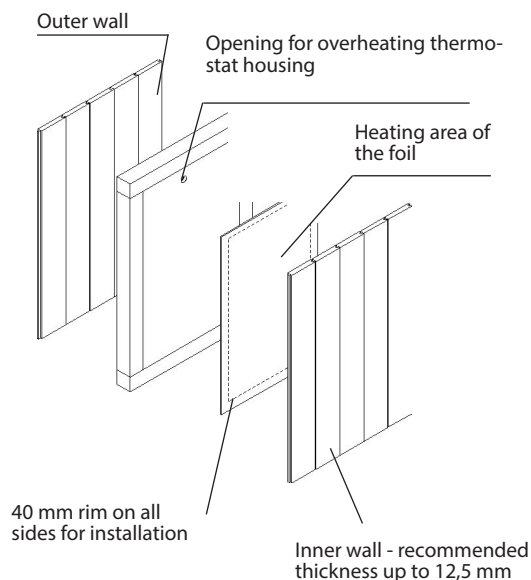
### Installation concept



#### Attention

The IR heating foils may be installed only vertically with the overheating limiter at the top side of the foil.

### Mounting principle



Please consider that the thickness of the inner wall cladding will have a direct influence of the heat up speed.

We recommend the inner wall cladding with maximum 12,5 mm thickness.

Please pay attention that the heating foils may be fastened to the cabin wall structure only at the 40 mm rim. Do not screw, nail or tack them outside this zone! This will damage the heating tracks.

### Specifications

Item no.	Electrical connection	Power output	Foil size H x W	Heating area	Working temperature	Overheating temperature limit
94.3742	230 V 1N AC	650 W	1700 x 800 mm	1620 x 720 mm	110°C	120°C
94.3743		550 W	1450 x 800 mm	1370 x 720 mm		
94.3744		450 W	1600 x 600 mm	1520 x 520 mm		
94.3745		350 W	1250 x 600 mm	1170 x 520 mm		
94.3835		275 W	1600 x 400 mm	1520 x 320 mm		
94.3891		90 W	600 x 300 mm	520 x 220 mm		