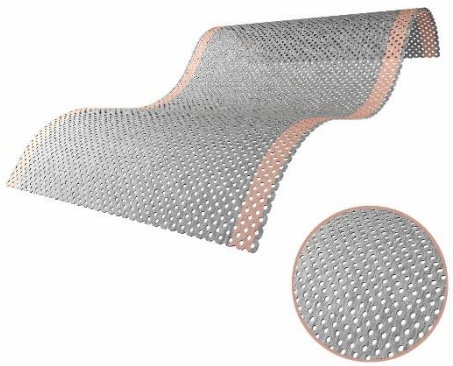
TECHNICAL SPECIFICATIONS

THE FUTURE OF HEATING

Perforated low-voltage heating film (for processing on wall, ceiling or floor)

Wide	60cm
Active heating area	55cm
Power supply	42V
Heating capacity /m²	210 Watt/m² (+/-10%)
Power/m	116 Watt/m (+/-10%)
Material thickness	0,4mm
Heating surface per m²	approx. 82%
Efficiency	98%
Protection class / Degree	III / IPX1
Surface structure	Perforated, fleece laminated
Insulation	4 layers, 1 fold insulated
Max. length	6 metres at a stretch
Shortenable	yes, any
Temperature resistance	up to 100°C
Min. processing temperature	+5°C
Max. processing temperature	+40°C



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Notes:

Before installation:
The installation instructions must be read carefully and completely before installing the perforated Mi-Heat low-voltage heating film. The instructions contain important information on the use, installation and proper application of the heating film. These instructions and safety rules must be observed to ensure correct operation. The instructions for use are intended for the person responsible for the assembly and installation of the heating film. Due to the large number of possible applications, as well as the materials used and the structural condition, the installation and assembly instructions contained in the manual do not constitute a guarantee of the properties of the product in the respective installation type within the meaning of the statutory warranty regulations.

Usage:
The perforated Mi-Heat low-voltage heating films are intended for processing in the wall, ceiling or floor of building interiors. The applicable regulations and standards for installation and commissioning of the respective component must be observed. Operating the perforated Mi-Heat low-voltage heating film outside of the described and intended use will result in the loss of the legal warranty and liability claims.

Proper handling:
We recommend to store the perforated Mi-Heat low voltage heating films dry at temperatures of 5-35°C. Any improper damage to the film, such as cracks caused by sharp objects or kinks, must be avoided at all costs.

Installation:
The standards DIN EN 4103 and DIN EN 4109 and leaflets of the associations and societies of the German building industry must be observed with regard to building physics. The substrate must be level, clean, dry, solid, load-bearing, free of cracks and separating agents, and resistant to tension and compression. In the case of flooring work, for example, the substrate must meet the requirements of DIN 18365 or, in the case of painting and varnishing work, the VOB DIN 18363 standard.

The listed information and data are based on our experience. Due to the large number of materials that may be used together with the perforated Mi-Heat low-voltage heating films, it is not possible for us to specifically check the respective application or the processing conditions. Therefore, before processing the product, an appropriate application assessment and product use or, if necessary, a self-test by you, or a specialist consultant must be carried out. When using floor coverings, please note that the heating film may only be used in conjunction with floor coverings that have been approved by the manufacturer of the covering for the use of electrical surface heating systems.

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