

# Technical Data Sheet

## 24V - 110W/m<sup>2</sup> oder 67W/lfm



<b>Material</b>	PET / Carbon composite film Defined electrical conductivity Defined thermal heating output	
<b>Typical applications</b>	Electrical surface heating	
<b>Delivery specifications</b>	Roll width Roll length	max. 592 mm 125 m / 250 m rolled on cardboard tube, internal dia. 152 mm (6") Special sizes upon request
<b>General information</b>	Identification colour Surface Electrical contact type	White Protective nonwoven fabric layer, perforated Copper strips, crimp connector
<b>Physical characteristics</b>	Area weight Resistivity, Rs  Contacting  Material thickness Peel strength of nonwoven fabric layer Electrical power at  Perforated percentage of total area in %	230 (+/-10%) g/m <sup>2</sup> 16,0* Ω/sqr Tolerance 17,1 Ω/sqr Tolerance 15,1 Ω/sqr Resistance per metre 8,5* Ω/m Material Cooper Strip width 20 mm Strip thickness 20 µm Distance between strips 538 (+/-2) mm Overall width 590 (+/-2) mm Margin width 5 (+/-2) mm 400* (+/-100) µm >15 N/5cm Nominal voltage, AC/DC 24V Nominal power (gross area) 110W/m <sup>2</sup> 18
<b>Processing instructions</b>	Improper handling such as folding, bending, tearing or the asymmetric design of the heating surface may result in material damage. For further information refer to the safety data sheet and the recommendations for application.	

The specified technical data was established under laboratory conditions using standard material. Due to the large variety of potential installation and operating conditions, no warranty can be given regarding the behaviour of the product in a specific application. We reserve the right to make modifications to the product in the interests of technical progress.

\* = Modal value (typical value) Edition: 05.17 Revision: Previous editions are invalid