Technical Data Sheet

36V - 220W/m^2 oder 130W/lfm

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THE ECO HEATING APPLICATION ®

Material	PET / Carbon composite film Defined electrical conductivity Defined thermal heating output		
Typical applications	Electrical surface heating		
Delivery specifications	Roll width	max. 592 mm	
	Roll length	125 m / 250 m rolled on cardboard tube, internal dia. 152 mm (6“) Special sizes upon request	
General information	Identification colour	White	
	Surface	Protective nonwoven fabric layer, perforated	
	Electrical contact type	Copper strips, crimp connector	
Physical characteristics	Area weight		230 (+/-10%) g/m2
	Resistivity, Rs		18,5* Ω/sqr
		Tolerance	19,6 Ω/sqr
		Tolerance	17,4 Ω/sqr
		Resistance per metre	9,95* Ω/m
	Contacting	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
	Material thickness		400* (+/-100) µm
	Peel strength of nonwoven fabric layer		>15 N/5cm
	Electrical power at	Nominal voltage, AC/DC	36V
		Nominal power (gross area)	220W/m2
	Perforated percentage of total area in %		18
Processing instructions	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

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