



## TECHNICAL DATA SHEET

<b>CMC TYPE</b>	<b>80782</b>
<b>Product Description</b>	
Metallized PA non-woven fabric with a very low surface resistivity, finished with an electrically conductive adhesive layer. Very good shielding effectiveness comparable to that of a plain copper foil though at a lighter weight.	
<b>Substrate</b>	polyamide non-woven, copper plated / tin plated
Colour	grey with embossing
Area weight of the non-woven in g/m <sup>2</sup>	105 ± 20%
Total area weight in g/m <sup>2</sup>	145 ± 20%
<b>Adhesive Properties</b>	
Type of adhesive	acrylic, electrically conductive
Adhesive colour	red
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 3
<b>Thermal Properties</b>	
Operating temperature PA non-woven fabric	up to 90°C
<b>Electrical Properties</b>	
Surface resistivity	< 0.05 Ω/□
Shielding effectiveness in dB	ca. 90 (between 300 MHz and 3 GHz)
Ohmic resistance (testing area two times 1 cm <sup>2</sup> according to internal method PV 1006-14)	< 1 Ω
<b>Other properties</b>	 

Storage conditions: cool and dry (15 - 25°C, < 65% rel. humidity)

11/17

Quality guarantee: 12 months

The technical data are average values and subject to change without notice. They are not intended to replace user's testing.