



Technical data sheet

CMC TYPE	91815
Product description	
Soft copper, double-sided tin-plated coated on one side with an electrically conductive acrylate adhesive. The adhesive layer is filled with electrically conductive particles, this allows easy contacting of the substrate.	
Substrate	soft copper, doublesided tin-coated
Colour	silver
Substrate thickness in mm	0.035 ± 10%
Total thickness in mm	0.065 ± 10%
Adhesive properties	
Type of adhesive	acrylic, electrically conductive
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 4
Thermal properties	
Temperature performance in °C	from -40 up to +130
Short term temperature performance in °C	+180
Flammability according to IEC 60454-2	flame retardant
Electrical properties	
Ohmic resistance (testing area two times 1 cm ² according to internal method PV 1006-14)	≤ 1 Ω
Mechanical properties	
Tensile strength in N/cm	≥ 30
Elongation at break in %	≥ 10
Other properties	 
General hints	
Electrical properties will generally stay intact up to 80°C, however, they depend on the application / type of assembly. Customer specific tests are strongly recommended.	

recommended storage cond.: cool and dry (15 - 25°C, < 65% rel. humidity)

02/23

quality guarantee: 12 months

Technical data represents average values subject to change without notice. It is not intended to replace users' testing.

 Note on REACH: Some of our products do contain substances from the so-called candidate list. Please visit <https://en.cmc.de/page/reach> and check whether or not a purchased product is listed in our REACH statement and therefore does contain one or more SVHCs.