



Technical data sheet

CMC TYPE	91815
Product description CMC 91815 is a self adhesive tape based on tin-clad soft copper foil and an electrically conductive acrylic adhesive. The adhesive layer is filled with silver coated glass spheres for easy contacting of surfaces.	
Substrate	soft copper, doublesided tin-clad
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)	≥ 3
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	REACH compliant ✓ RoHS compliant ✓
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)

07/24

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://www.cmc.de/en/reach> and check whether or not a purchased product is listed in our REACH statement and therefore does contain one or more SVHCs.