

TECHNICAL DATA SHEET

CMC TYPE	CMC 91832
Product description	CMC 91832 is a self adhesive shielding tape based on tin clad soft copper foil. The adhesive layer is filled with electrically conductive particles for easy contacting of surfaces. Also available as a thinner tape.
Backing material	soft copper (Cu-ETP), doublesided tin clad
Colour	silver
Substrate thickness in mm	0.050 ± 10%
Total thickness in mm	0.080 ± 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)	≥ 2
Thermal properties	
Temperature performance (max.) in °C	130
Short term temperature performance in °C (ca. 1 hour)	180
Flammability based on 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	ca. 30 - 45
Elongation at break in %	ca. 10 - 20
Other properties	RoHS compliant ✓ REACH compliant ✓
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.	

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

09/19

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.

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.