



TECHNICAL DATA SHEET

CMC TYPE	CMC 91834
Product description CMC 91834 is a self adhesive shielding tape based on soft copper foil. The adhesive layer is filled with electrically conductive particles for easy contacting of surfaces.	
Backing material	soft copper
Colour	original
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 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	≥ 90
Elongation at break in %	10 - 20
Other properties	RoHS compliant ✓ REACH compliant ✓
Liner	siliconized paper
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.	

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

01/22

Quality guarantee: 12 months

The 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.