



Technical data sheet

CMC TYPE	CMC 91743
Product description	CMC 91743 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	0.035 ± 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)	≥ 2
Thermal properties	
Temperature performance in °C	from -40 up to +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	≥ 30
Elongation at break in %	≥ 10
Other properties	 
General notes	
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)

02/19

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.