

TECHNICAL DATA SHEET

CMC TYPE	CMC 48189
Product description / structure of the laminate CMC 48189 is a self adhesive soft copper foil tin-clad on both sides (CMC 91815) with a more narrow self adhesive polyester mask (CMC 10739).	
Substrate	soft copper, doublesided tin-clad (CMC 91815)
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
Ohmic resistance (testing area two times 1 cm ² according to internal method PV 1006-14)	≤ 1 Ω
Thermal properties	
Temperature performance (max.) in °C	up to 130°C
Substrate (mask)	polyester tape (CMC 10739)
Film thickness in mm	0.050 ± 10%
Total thickness in mm	0.070 ± 10%
Adhesive properties	
Type of adhesive	polysiloxane, modified
Colour	red
Other properties	RoHS compliant ✓ REACH compliant ✓

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.