

TECHNICAL DATA SHEET

CMC TYPE	CMC 90100
Examples of application CMC 90100 is a convenient self adhesive aluminium foil for general applications such as heat reflective foil, moisture barrier and EMC shielding foil. CMC 90100 also qualifies for heat spreader assemblies (mostly as a laminate with Kapton® MT).	
Backing material	soft aluminium
Colour	silver
Substrate thickness in mm	0.050 ± 10%
Total thickness in mm	0.080 ± 10%
Adhesive properties	
Type of adhesive	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 3
Thermal properties	
Temperature performance (max.) in °C	155
Short term temperature performance in °C (ca. 1 hour)	200
Flammability according to IEC 60454-2	flame retardant
Mechanical properties	
Tensile strength in N/cm	≥ 22.5
Elongation at break in %	≥ 4
Other properties	 
Liner	siliconized paper

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

03/19

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.