



TECHNICAL DATA SHEET

CMC TYPE	CMC 70740
Product description	CMC 70740 is a self adhesive Kapton® tape providing good thermal conductivity and outstanding insulating properties even at elevated temperatures. A thin adhesive layer reduces thermal transition resistance while simplifying pre-assembly.
Backing material	Kapton® MT
Colour	light brown
Thermal conductivity in W/(m·K)	ca. 0.46
Substrate thickness in mm	0.025 ± 17%
Total thickness in mm	0.037 ± 0.005
Adhesive properties	
Type of adhesive	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 1
Thermal properties	
Temperature performance (max.) in °C	180
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff} .	≥ 4'000
Mechanical properties	
Tensile strength in N/cm	≥ 20
Elongation at break in %	≥ 20
Other properties	RoHS compliant ✓ REACH compliant ✓

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

03/21

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.