



TECHNICAL DATA SHEET

CMC TYPE	CMC 70968
Product description CMC 70968 is a robust one-sided high temperature adhesive tape based on Kapton film and a polyester liner. It shows good adhesion to many low energy and siliconized surfaces, and the protective liner facilitates processes like die-cutting / stamping.	
Substrate	Kapton HN (polyimide)
Colour	brown
Substrate thickness in mm	0.075 ± 12%
Total thickness in mm	0.110 ± 10%
Adhesive properties	
Type of adhesive	polysiloxane
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2
Thermal properties	
Temperature performance (max.) in °C	180
Short term temperature performance in °C (ca. 1 hour)	350
Insulation class according to IEC 60085	H
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	≥ 10'000
Mechanical properties	
Tensile strength in N/cm	≥ 120
Elongation at break in %	≥ 60
Other properties	
Liner	fluorosiliconated PET film ca. 50 µm
	

Recommended storage cond.: cool and dry (15 - 25°C, < 65% rel. humidity)

07/25

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.