


TECHNICAL DATA SHEET

CMC TYPE	CMC 70700
Product description	
CMC 70700 is a self adhesive Kapton® film with good thermal conductivity and very good insulating properties even at high temperatures. Easy and clean pre-assembly provided by the adhesive layer (also available in 0.025 mm film thickness on request).	
Substrate	Kapton® MT
Colour	brown
Thermal conductivity in W/(m·K) (manufacturer's data only for the Kapton® film)	0.46
Substrate thickness in mm	0.050 ± 15%
Total thickness in mm	0.078 ± 10%
Adhesive Properties	
Type of adhesive	acrylic
Adhesive strength according to internal method PV 1006-32 (180° peel from steel) in N/cm	≥ 2.0
Thermal Properties	
Temperature performance (max.) in °C	155
Insulation class according to IEC 60085	F
Electrical Properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	≥ 7'000
Mechanical Properties	
Tensile strength in N/cm	≥ 50
Elongation at break in %	≥ 20
Other Properties	 
Liner	double-sided siliconized polyester film with the more repellent side covering the adhesive
* registered trade mark of DuPont de Nemours	

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

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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.