



TECHNICAL DATA SHEET

CMC TYPE	CMC 70115
Product description	
CMC 70115 based on Kapton 200HN film by DuPont and silicone adhesive layer is a very temperature resistant tape with power reserves even during continuous use at 180°C. CMC 70115 is optimized for clean removability and frequently used e.g. as a masking tape for soldering.	
Backing material	Kapton® HN (polyimide)
Colour	brown
Substrate thickness in mm	0.050 ± 15%
Total thickness in mm	0.100 ± 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
Flammability according to IEC 60454-2	flame retardant
Insulation class according to IEC 60085	H
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	≥ 9'000 (typical: 10'000)
Mechanical properties	
Tensile strength in N/cm	≥ 90
Elongation at break in %	≥ 60
Other properties	 
* registered trademark of DuPont de Nemours	

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

04/19

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.