




## TECHNICAL DATA SHEET

<b>CMC TYPE</b>	<b>70105</b>  E93622 (M)
<b>Product description</b>	CMC 70105 is a high performance insulation tape with outstanding dielectric strength and a temperature resistant acrylic adhesive layer.
<b>Backing material</b>	Kapton® HN (polyimide)
Colour	brown
Substrate thickness in mm	0.050 ± 15%
Total thickness in mm	0.080 ± 10%
<b>Adhesive properties</b>	
Type of adhesive	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2
<b>Thermal properties</b>	
Temperature performance (max.) in °C	180
Short term temperature performance in °C (ca. 1 hour)	200
Flammability according to UL 510A	flame retardant
Insulation class according to IEC 60085	H
<b>Electrical properties</b>	
Breakdown voltage based on IEC 60243-1 in V <sub>eff.</sub>	≥ 9'000
<b>Mechanical properties</b>	
Tensile strength in N/cm	≥ 90
Elongation at break in %	≥ 50
<b>Other properties</b>	 
Temperature range	from -25°C up to +200°C
® Registered trademark of DuPont de Nemours	

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

08/21

Quality guarantee: 12 months

The 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://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.