




## TECHNICAL DATA SHEET

<b>CMC TYPE</b>	<b>CMC 16100</b>	 E93622 (M)
<b>Product Description:</b> CMC 16100 is a flexible, resistant adhesive tape for e.g. phase insulation, final insulation of coils, or as a damping insulation for manual soldering. CMC 16100 combines high dielectric strength of the PET film and good adhesion to uneven surfaces through the cushioning effect of the non-woven. Total thickness ca. 0.12 mm		
<b>Backing Material</b>	Laminate polyester film / polyester non-woven	
Colour	white	
Thickness of the base PET film in mm	0.023 ± 10%	
Total area weight in g/m <sup>2</sup>	125 ± 10%	
<b>Adhesive Properties</b>		
Type of adhesive	rubber	
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 4	
<b>Thermal Properties</b>		
Temperature performance (max.) in °C	130	
Short term temperature performance in °C (ca. 1 hour)	175	
Insulation class according to IEC 60085	B	
Flammability according to UL 510	flame retardant	
<b>Electrical Properties</b>		
Breakdown voltage based on IEC 60243-1 in V <sub>eff.</sub>	ca. 5'000	
<b>Mechanical Properties</b>		
Tensile strength in N/cm	≥ 40	
Elongation at break in %	≥ 20	
<b>Other Properties</b>	 	

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

05/19

Quality guarantee: 6 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.