



TECHNICAL DATA SHEET

CMC TYPE	CMC 16101
Product description CMC 16101 is a flexible, durable adhesive tape e.g. for phase insulation, end bandages or wire outlets in winding assemblies. CMC 16101 offers high dielectric strength due to the polyester film and good adhesion even on uneven surfaces due to the cushioning effect of the polyester fleece.	
Supporting Base	Laminate polyester / polyester fleece
Colour	white
Thickness of the base PET film in mm	0.023 ± 10%
Thickness of the laminate in mm Area weight of the laminate in g/m ²	0,075 ± 10 % 70 ± 10 %
Total thickness in mm Total area weight in g/m ²	0,125 ± 10 % 120 ± 10 %
Adhesive Properties	
Type of adhesive	Acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 3
Thermal Properties	
Temperature performance (max.) in °C	130
Short term temperature performance in °C (ca. 1 hour)	175
Insulation class according to IEC 60085	B
Electrical Properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	ca. 5.000
Mechanical Properties	
Tensile strength in N/10 mm	ca. 50
Elongation at break in %	ca. 30 - 50
Other Properties	RoHS compliant ✓ REACH compliant ✓

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

08/20

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.