

TECHNICAL DATA SHEET

CMC TYPE	CMC 35166
Product description	CMC 35166 is an insulating tape with a very smooth and flexible substrate, qualified for bundling, for printable end coil winding and for covering wild windings. Very good adhesion to the tape backing, this version including a protective liner.
Backing material	acetate silk cloth
Colour	white
Total thickness in mm based on IEC 60454-2	0.200 ± 15%
Adhesive properties	
Type of adhesive	rubber
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2.5
Thermal properties	
Temperature performance (max.) in °C	120
Short term temperature performance in °C (ca. 1 hour)	175
Insulation class according to IEC 60085	E
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff} .	≥ 1'700
Mechanical properties	
Tensile strength in N/cm based on IEC 60454-2	≥ 40
Elongation at break in % based on IEC 60454-2	≥ 10
Other properties	 
Liner	siliconized paper

recommended storage cond.: cool and dry (15 - 25°C, < 65% rel. humidity)

01/23

quality guarantee: 12 months

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.