



preliminary technical data sheet

CMC TYPE	CMC 61145
Product description	CMC 61145 is a self adhesive insulating tape with outstanding electrical properties and highest temperature performance in the group of polyester films. The acrylic adhesive features high molecular weight, durability, and hydrolysis resistance. A protective liner is included.
Backing material	PEN film (polyethylene naphthalate)
Colour	colourless
Substrate thickness in mm	0.025
Total thickness in mm	0.040 ± 0.005
Adhesive properties	
Type of adhesive	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2
Thermal properties	
Temperature performance (max.) in °C	155
Short term temperature performance in °C (ca. 1 hour)	200
Insulation class according to IEC 60085	F
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V_{eff} .	≥ 5'000
Mechanical properties	
Tensile strength in N/cm	≥ 30
Elongation at break in %	≥ 50
Other properties	 

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

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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.