

**preliminary TECHNICAL DATA SHEET**

CMC TYPE	MP 6514-002A
Product description Insulating tape based on Nomex® 410 coated with a well-adhering, heat resistant polysiloxane adhesive.	
Backing material	Nomex® 410 (aramid paper)
Colour	chamois
Substrate thickness (nominal thickness) in mm	0.050 (typical thickness: 0.060mm)
Substrate thickness (target thickness) in mm	0.057 ± 16%
Total thickness in mm	ca. 0.110
Total area weight in g/m²	100 ± 10%
Adhesive properties	
Type of adhesive	polysiloxane
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2 (typical adhesive strength: 3,0N/cm – 3,5N/cm)
Thermal properties	
Temperature performance (max.) in °C	180
Short term temperature performance in °C (ca. 1 hour)	200
Flammability according to IEC 60454-2	flame retardant
Insulation class according to IEC 60085	H
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	1'700
Mechanical properties	
Tensile strength in N/cm	≥ 75
Elongation at break in %	≥ 10
Other properties	
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Storage conditions: cool and dry (15 - 25°C, < 65% rel. humidity)

02/15

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.