

TECHNICAL DATA SHEET

CMC TYPE	70121
Product Description	Robust Kapton® tape for highest temperature requirements. The silicon based adhesive layer is very cohesive and designed for clean removal even after exposition to temperature extremes.
Backing Material	Kapton® (polyimide)
Colour	brown / amber
Substrate thickness in mm	0.025 ± 17%
Total thickness in mm	0.060 ± 20%
Adhesive Properties	
Type of adhesive	polysiloxane
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2
Thermal Properties	
Temperature performance (max.) in °C	180
Short term temperature performance in °C (ca. 1 hour)	350
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} .	≥ 6'000
Mechanical Properties	
Tensile strength in N/cm	≥ 35
Elongation at break in %	≥ 35
Other Properties	RoHS compliant ✓ REACH compliant ✓
Temperature range	- 80°C to + 350°C
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Storage conditions: cool and dry (15 - 25°C, < 65% rel. humidity)

07/22

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.