



TECHNICAL DATA SHEET

CMC TYPE	70864
Product Description	CMC 70864 is based on a 25 micron foil of Kapton HN, an excellent insulation film for the highest demands. The tape is coated with an acrylic adhesive that offers good adhesion to many types of surfaces.
Backing Material	Kapton® HN (Polyimid)
Colour	amber
Substrate thickness in mm	0.025 ± 17%
Total thickness in mm	0.060 ± 10%
Adhesive Properties	
Type of adhesive	acrylic
Adhesive strength in N/25 mm according to internal method PV1006-32 (180° peel from steel)	≥ 5
Thermal Properties	
Temperature performance (max.) in °C	180
Short term temperature performance in °C (ca. 1 hour)	200
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	≥ 40
Elongation at break in %	≥ 40
Other Properties	 
®Registered trade mark of DuPont de Nemours	

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

06/17

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.