



TECHNICAL DATA SHEET

CMC TYPE	90767
Product description	Aluminum tape with electrically conductive adhesive (z axis) for shielding applications in general. Self adhesive for easily contacting surfaces.
Backing Material	soft aluminum
Colour	silver
Substrate thickness in mm	0.050 ± 10%
Total thickness in mm	0.080 ± 10%
Adhesive Properties	
Type of adhesive	acrylic, electrically conductive
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2
Thermal Properties	
Temperature performance in °C	from -40 up to +130
Short term temperature performance in °C (ca. 1 hour)	+180
Flammability according to IEC 60454-2	flame retardant
Electrical Properties	
Ohmic resistance (testing area two times 1 cm ² according to internal method PV 1006-14)	≤ 1 Ω
Mechanical Properties	
Tensile strength in N/cm	≥ 30
Elongation at break in %	≥ 5
Other Properties	
Liner	silicone paper
Electrical properties will generally stay intact up to 80°C, however, they depend on the application / type of assembly. Customer specific tests are strongly recommended.	
This tape as to its composition complies with the requirements of regulation 2011/65/EU (RoHS).	

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

06/16

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.