



TECHNICAL DATA SHEET

CMC TYPE	12094
Product description	
<p>Polyester tape with a silicon adhesive providing good adhesive strength, high temperature and shear resistance, and clean removability from a variety of surfaces even after exposure to elevated temperatures.</p> <p>Recommended as splicing tape for e.g. siliconized films / papers because of both its adhesion to silicon surfaces and its repellent backing.</p>	
Backing material	polyester (PET)
Colour	colourless
Substrate thickness in mm	0.050 ± 10%
Total thickness in mm	0.090 ± 10%
Adhesive properties	
Type of adhesive	polysiloxane
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 4
Thermal properties	
Temperature performance (max.) in °C	130
Short term temperature performance in °C (ca. 1 hour)	175
Insulation class according to IEC 60085	B
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V_{eff}	≥ 6'000
Mechanical properties	
Tensile strength in N/cm	≥ 80
Elongation at break in %	≥ 80
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.