



TECHNICAL DATA SHEET

CMC TYPE	CMC 12096
Product description CMC 12096 is a double sided adhesive tape stabilized by a PET film substrate. The highly shear resistant adhesive performs well under UV exposure and elevated temperatures, against chemicals and humidity. Excellent permanent adhesive strength on many surfaces including low surface energy. High material thickness allows for good adhesion to rough or structured surfaces.	
Backing material	polyester
Colour	colourless
Substrate thickness in mm	ca. 0.012
Total thickness in mm	ca. 0.210
Adhesive properties	
Type of adhesive	acrylic
Adhesive strength* (FINAT TM 1 on stainless steel)	after 1 min: 24 N/in after 20 min: 30 N/in after 24 h: 35 N/in
Thermal properties	
Temperature performance in °C	-40 bis +160
Short term temperature performance in °C (ca. 1 hour)	180
Temperature performance (S.A.F.T.) in °C	140
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	≥ 6'000
Other properties	 
Liner	PP film, 80 µm, double sided silicone
* tape reinforced with PET film 50 µm as a cover for the side not tested	

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

06/19

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.