



TECHNICAL DATA SHEET

CMC TYPE	CMC 75100
Product description CMC 75100 is a PTFE adhesive tape with highly repellent surface and good chemical resistance, usable e.g. as separating film in mold construction (composites) or for reducing surface friction (e.g. of a transport route).	
Backing material	PTFE film
Colour	grey
Substrate thickness in mm	0.100 ± 10%
Total thickness in mm	0.130 ± 10%
Adhesive properties	
Type of adhesive	acrylic
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 3
Thermal properties	
Temperature performance (max.) in °C	180
Short term temperature performance in °C (ca. 1 hour)	200
Flammability based on IEC 60454-2	flame retardant
Insulation class according to IEC 60085	H
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	ca. 7'500
Comparative tracking index (CTI) in V according to UL 746B / IEC 60112	400 - 599 (performance level category 1)
Mechanical properties	
Tensile strength in N/cm	≥ 30
Elongation at break in %	≥ 300
Other properties	RoHS compliant ✓ REACH compliant ✓

recommended storage cond.: cool and dry (15 - 25°C, < 65% rel. humidity)

02/23

quality guarantee: 12 months

Technical data represents average values subject to change without notice. It is not intended to replace users' 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.