



TECHNICAL DATA SHEET

CMC TYPE	77700
Properties and applications	extremely weatherproof adhesive tape for repairing film roofs and membraneous pads made from ETFE; no yellowing, extremely resistant to ageing
Substrate	ETFE film
Colour	colourless
Substrate thickness in mm	0.100 ± 10%
Total thickness in mm	0.160 ± 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	155
Temperature performance (min.) in °C	- 55
Short term temperature performance in °C (ca. 1 hour)	200
Insulation class according to IEC 60085	F
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V_{eff} .	ca. 3'000
Mechanical properties	
Tensile strength in N/cm	≥ 50
Elongation at break in %	≥ 300
Other properties	 
The substrate is a modification of polytetrafluorethylene with ethylene - ETFE -	

Storage conditions: cool and dry (15 - 25°C, < 65% rel. humidity), not in direct sunlight 12/18

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.