



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
Shear resistance	no separation
Thermal properties	
Temperature performance in °C	155
Lower temperature performance in °C	- 55
Short-term temperature performance in °C	200
Flammability according to IEC 60454-2	flame retardant
Insulation class VDE 0530	F
Electrical properties	
Breakdown voltage based on IEC 60243-1 in V _{eff.}	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 08/13
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.