

DATA SHEET

CMC TYPE	CMC 10431
Product description CMC 10431 is a double sided adhesive tape with good adhesion to siliconized surfaces. Both adhesive layers are ageing resistant and can be applied to silicone mats and profiles. CMC 10431 is also qualified as splicing tape in converting films and papers. The PET liner is easily removed from the strip coated red adhesive which leaves a finger lift on the edges of each tape roll.	
Backing material	polyester (PET)
Colour side 1	red (not over full tape width)
Colour side 2	colourless, hazy (full tape width)
Substrate thickness in mm	0.023 ± 10%
Total thickness in mm	0.125 ± 15%
Adhesive properties	
Type of adhesive side 1	polysiloxane, modified, red, strip-coated
Type of adhesive side 2	polysiloxane, modified, colourless, hazy
Adhesive strength in N/cm according to internal method PV 1006-32 (180° peel from steel)	≥ 2 (for either side)
Adhesive strength on siliconized paper in N / 25 mm (based on AFERA 5001)	≥ 2.5 (for either side)
Thermal properties	
Temperature performance (max.) in °C	-40 bis +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	≥ 35
Elongation at break in %	≥ 80
Other properties	RoHS compliant ✓ REACH compliant ✓
Liner	PET film 50 µm, siliconized on either side

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

04/19

Quality guarantee: 6 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.