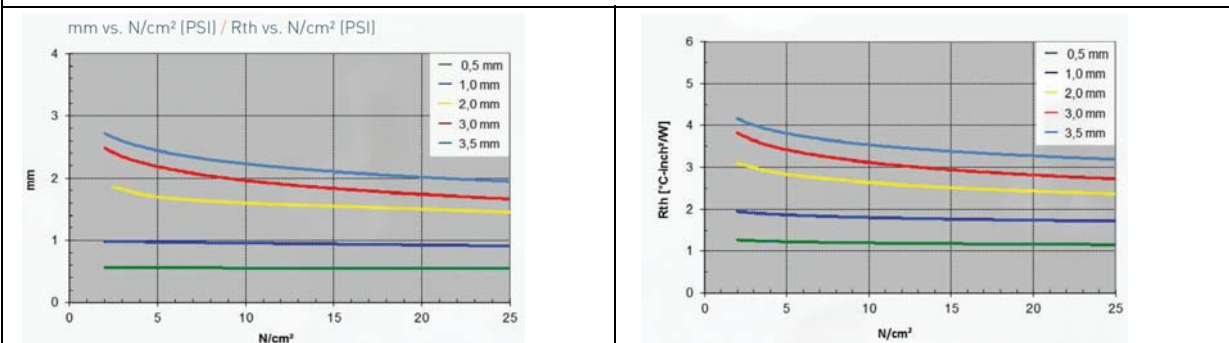


TECHNICAL DATA SHEET

CMC TYPE	CMC 15023
Product description	
One side weakly adhesive thermally conductive silicone gap filler for the thermal connection of SMD components and capacitors. The product is used for example in automotive applications, in medical technology or in notebooks.	
Supporting Base	ceramic filled silicone
Reinforcement	fiberglass laminate
Colour	white / pink
Total thickness in mm	3.5
Hardness in Shore 00	5
Flammability according to UL 94	V0
Thermal properties	
Thermal Resistance @ 250kPa @ thickness in °C-inch ² /W(mm)	3.13 (1.93)
Thermal Resistance @ 100kPa @ thickness in °C-inch ² /W(mm)	3.56 (2.23)
Thermal Resistance @ 50kPa @ thickness in °C-inch ² /W(mm)	3.85 (2.43)
Thermal conductivity in W/mK	1.3
Temperature range in °C	-40 up to +180
Electrical properties	
Dielectric strength in kV/mm	6
Volume resistivity in ohm x cm	6.2 x 10 ¹⁵
Other properties	
<ul style="list-style-type: none"> - one side weakly adhesive - one side reinforced with fiberglass laminate - thermal conductivity of 1.3 W/mK - operates at lowest pressures - extremely soft and compliable - extraordinary chemical resistance and long term stability - easy mounting through natural self tackiness - residue-free removal after use 	
	

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

09/14

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.