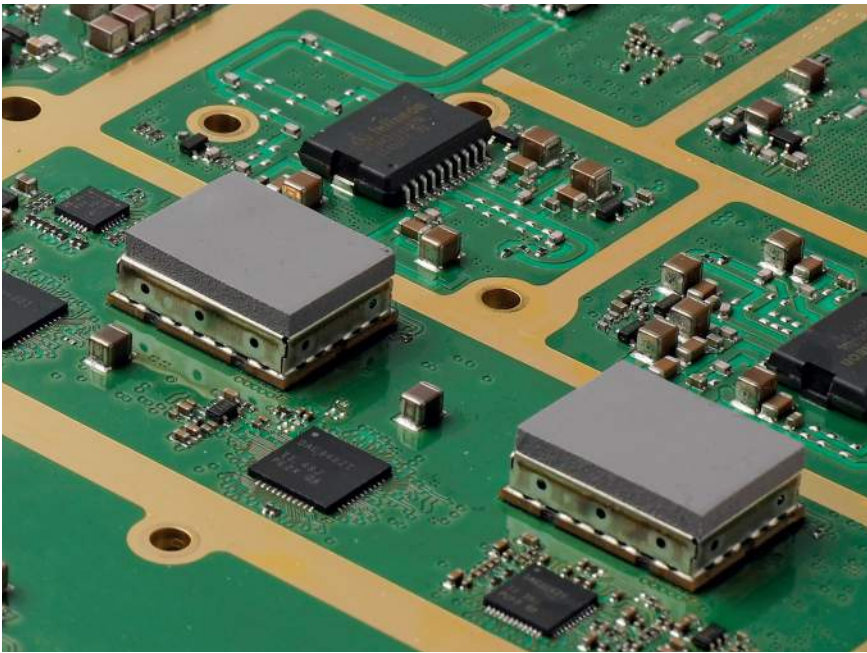




Compatherm[®] Product Portfolio



Nolato has a long successful history of driving innovation and developing materials, processes and equipment for silicone based applications.

Thermal Interface Materials (TIM)

Compatherm, Nolato's range of thermally conductive materials, is used to facilitate the transfer of heat from hot components, e.g. on a PCB, to heat sinks and cold plates. The purpose of these materials is to displace the pockets of insulating air that form in the irregularities between surfaces, and thereby reduce the thermal resistance.

COMPATHERM
PAD



The benefits of Compatherm® Pad

- ▶ Excellent thermal properties
- ▶ Ultra-softness for low compression forces
- ▶ Highly conformable
- ▶ Naturally tacky surfaces
- ▶ Comprehensive range of standard materials
- ▶ Customisation available





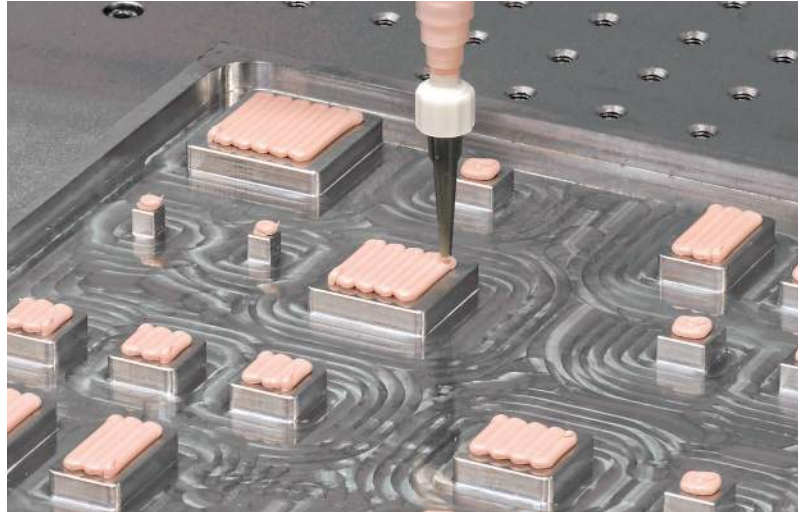
Material Code	Thermal Conductivity [W/(m·K)]	Hardness [Shore00]	Density [g/cm ³]	Dielectric Breakdown Voltage [VAC/mm]	Thickness Range [mm]	Colour
9410	1	40	2.37	5 000	0.25 - 5.0	Pink
9411	1.3	9	2.50	5 000	0.5 - 5.0	Blue
9420	2	40	2.73	5 000	0.25 - 5.0	Lt Blue
9421	2.5	40	2.70	5 000	0.5 - 5.0	Lt Brown
9422	2	25	2.70	5 000	0.5 - 5.0	Lt Blue
9430	3	60	2.65	1 000	0.25 - 5.0	Grey
9431	3	40	3.10	> 8 000	0.25 - 5.0	Blue
9432	3	10	2.92	> 7 000	1.0 - 5.0	Brown
9433	3	28	2.65	1 000	0.5 - 5.0	Grey
9440	4	40	3.10	> 8 000	0.75 - 5.0	Green
9450	5	40	3.10	> 5 000	0.5 - 5.0	Black
9451	5	28	3.07	> 5 000	0.5 - 5.0	Grey
9470	7	40	2.55	1 500	1.0 - 5.0	Lt Grey
9471	7	40	3.10	> 8 000	1.0 - 5.0	Pink
9472	7	20	2.55	1 500	1.0 - 5.0	Lt Grey

Customised solutions

- ▶ De-tacki cation coating
- ▶ Thermal resistance vs. pressure
- ▶ De ction vs. pressure
- ▶ Custom test procedures
- ▶ Custom raw material sheet format
- ▶ Fibreglass reinforcement
- ▶ Insulator carrier
- ▶ Other mechanical and/or thermal properties

Benefits of Compatherm® Filler

- ▶ Excellent thermal properties
- ▶ Ultra-conforming
- ▶ Negligible compression forces
- ▶ Very low contact resistance
- ▶ High-volume efficiency
- ▶ Customised material properties available



Material Code	Thermal Conductivity [W/(m·K)]	Viscosity (mixed) [Pa·s]	Density [g/cm ³]	Dielectric Breakdown Voltage [VAC/mm]	Pot Life [h]	Cure Time @25°C [h]	Colour
9343	4	350	3.1	5 000	4	24	Pink + White



Contact Nolato

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For additional information please visit our Corporate Website

www.nolato.com/emc