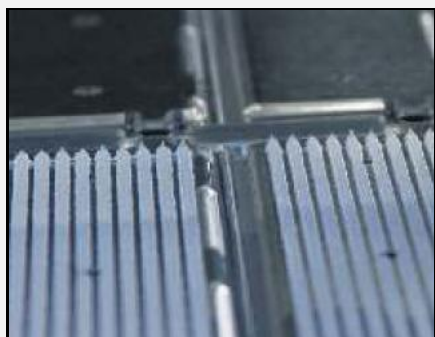


Keratherm Sealing Compounds: **GF 5000** 1-component silicone elastomer



Ceramic-filled, single component silicone elastomer. Due to its outstanding characteristics GF 5000 is the perfect material for automatic dispensing

DISCLAIMER: Purchaser shall be solely responsible for determining the adequacy of the product for any and all uses which the purchaser shall apply the product, and the application of the product by the purchaser shall not be subject to any implied warranty of fitness for that purpose.

Properties	symbol	unit	GF 5000
Base material			Silicone
Color			black
Mixing Ratio			single component
Viscosity		Pas	ca. 250
Curing			1hr.: 130°C ½hr.: 150°C
Technical values			
Thermal Resistance*	R_{th}	K/W	0.25
Thermal Conductivity*		W/mK	5.0
Thermal Impedance*	R_{ti}	Kin ² /W	0.15
Dielectric Breakdown	$E_{d;ac}$	KV/mm	> 1.0
Hardness		Shore 00	65
Density		g/cm ³	2.5
Application Temperature		°C	-60 to +200

* - measured at thickness of 0.5mm

Advantages for GF 5000

- Very good compressibility
- High thermal conductivity
- Solvent free
- Ceramic-filled single-component silicone elastomer



Our Service:

Kerafol's® modern dispensing technologies allow the application of heat-conducting material onto the most diverse heat sinks or custom-specific components.

Just contact us and we will help you find the right solution!