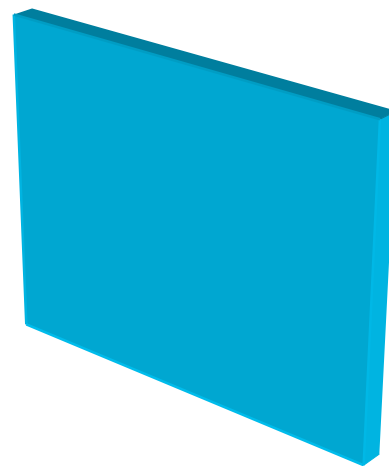


TM-KGUS-SF Thermally Conductive Gap Filler

TM-KGUS-SF is an ultra soft silicone interface material, filled with thermally conductive ceramics with a good thermal conductivity and very high dielectric strength. Through its very high softness and flexibility the material perfectly mates to irregular surface thus filling gaps at very low pressure.



Properties

- Very high thermal conductivity.
- Very soft and compliant.
- Operates at very low pressure.
- Shock absorbing.

Availability

- Naturally tacky both sides or one side.
- Cut according to customer specifications.
- Sheet form (480x460mm).

Technical Data

Part	TM-KGUS10SF	TM-KGUS20SF	TM-KGUS30SF
Material	Ultra Soft Silicone		
Filler	Thermally Conductive Ceramic		
Colour	Light Blue		
Thickness [mm]	1,0	2,0	3,0
Hardness [shore00]	25	25	25
Volume Resistivity [Ohm-cm]	1,0 x 10 ¹¹	1,0 x 10 ¹¹	1,0 x 10 ¹¹
Dielectric Strength [kV/mm]	10,0	10,0	10,0
Operating Temperature Range [°C]	-50 to +180	-50 to +180	-50 to +180
Flame Rating UL	UL 94 V0	UL 94 V0	UL 94 V0
Thermal Conductivity [W/mK]	2,5	2,5	2,5
Thermal Resistance (inch ²) [°C/W]	0,49	0,89	1,2
Operating Temperature [°C]	-60/+180	-60/+180	-60/+180