

Fralock TIM's: Thermal Pads and Gap Fillers

Material Property	Type	Thermal Conductivity (W/mk)	Available Thickness (mm)	Operating Temperature	Flammability Rating
Thermally & Electrically Conductive Silicone	Silicone-based with carbon fibers	up to 50	0.1 to 3.0	Up to 150°C to 200°C	UL94 V0
Thermally & Electrically Conductive Graphite	Graphite with vertically oriented graphite fillers	25 - 45	0.15 - 2.0	Up to 200°C	--
Thermally Conductive & Electrically Insulating	Gap filler with silicone formulation	Up to 12	0.5 - 5.0	Up to 125°C to 200°C	UL94 V0
Other Options	Various	1 - 50	We can provide many other material options to meet your project-specific criteria. Please contact Fralock for assistance.		