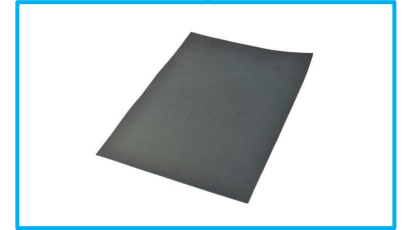


Our Thermal Foams, also known as Graphical Interfaces, are thermo-conductive materials based on graphite that solve heat dissipation problems. TFO_ZS_PG is a thermally insulating graphite sheet specially developed for applications where a low cooling requirement is required. Indeed, it is an excellent thermal conductor of 30W/mK, with a good thermal resistance facilitating the transfer of heat and does not have electrical insulation. We can cut according to customer plan. All our mattresses are certified UL 94 in V0.

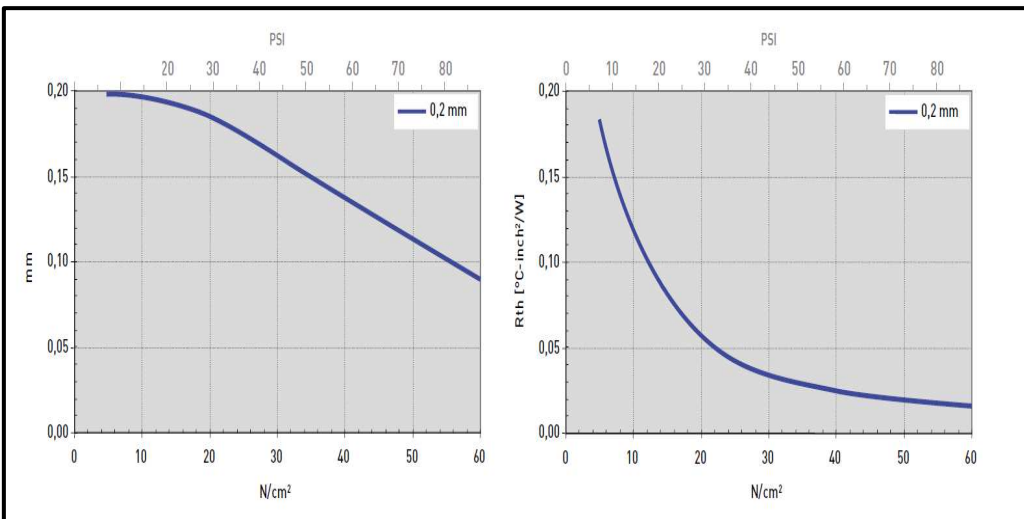


Application Areas: Electronic components - Electric Vehicles, 5G, Autopilot System, Mobile Phone, AIOT, HPC (High Performance Computing), Server, IC, CPU, MOS, LED ,Mother Board, Power Supply, Heat Sink, LCD-TV, Notebook, PC, Telecom Device, Wireless Hub, DDR Module, etc.

Technical Characteristics

Features	Unit	TFO_ZS_PG
Thickness	mm	0.2
Reinforcement	-	Soft pyrolytic graphite
Color	-	Gray
Hardness	Shore A	NC
Size	mm	180*180mm
Resistance @90Psi	°C-inch ² /W	0.015 (0.09)
Resistance @30 Psi		0.055 (0.18)
Resistance @10 Psi		0.181 (0.19)
Thermal conductivity (Z direction)	W/mK	30
Thermal conductivity (X - Y direction)		500
Temperature	°C	-250 to +400
Electrical conductivity	S/cm	10000
Contante dielectric	@1MHz	-

The TFO_ZS_PG is available in 0.20mm thicknesses.



The results were obtained under laboratory conditions and should be considered only as a guide. As AB2E has no control over its customers' hardware and many other factors, it is the user's responsibility to perform their own tests to ensure that the product meets their needs.

