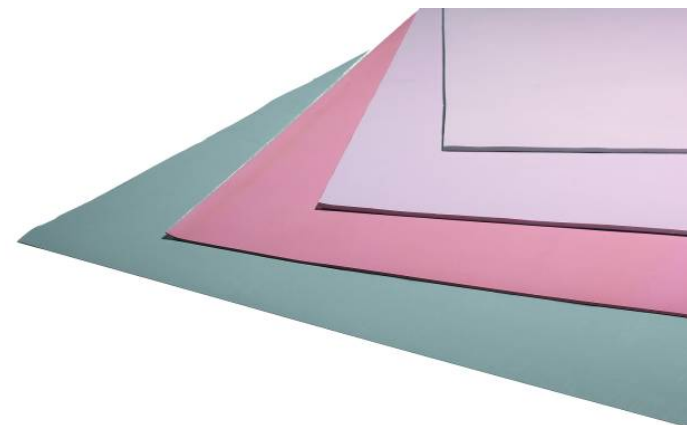


Max-Therm Thermal Interface material selection guide

- GPXXXX** Specially treated high performance ceramic particles impregnated into silicone rubber creates a highly conformal and thermally conductive Thermal pad.
- IP1000** A fiberglass-reinforced material, combined with functional ceramic particles placed in silicone rubber. This provides a high performance interface pad with 3.8W thermal conductivity.
- PP5000** Designed for applications that have variable system height requirements and an interface material that can compress beyond 50% of its original thickness.



Typical Properties:

	GP2000	GP3000	GP5000	GP7000	GP8000	IP1000	PP5000
Form	Thermal pad	Thermal pad	Thermal pad	Thermal pad	Thermal pad	Insulator Pad	Putty
Polymer	Silicone / ceramic particles	Silicone / ceramic particles	Silicone / ceramic particles	Silicone / ceramic particles	Silicone / ceramic particles	Silicone / ceramic particles	Silicone / ceramic particles
Color	Blue	Grey	Light Blue	Green	Light Grey	Magenta	Green
Thickness (mm)	0.13 - 5	0.13 - 5	0.13 - 5	0.25 - 5	0.25 - 3	0.13-0.5	0.5-6.0
Density (g/cc)	2.60	2.8	3.26	2.7	2.55	2.85	2.96
Thermal Conductivity (W/mk)	1.2	2.0	3.0	5.0	7.8	3.8	3.2
Sheet stock	yes	yes	yes	yes	yes	yes	yes
Fabrication	Die cut	Die cut	Die cut	Die cut	Die cut	Die cut	Die cut
Multilayer Capable	0.5mm up	0.5mm up	0.5mm up	0.5mm up	0.5mm up	NA	NA
Ultra Soft Min Thickness	2mm	2mm	2mm	2mm	2mm	NA	NA
Typical Applications	Consumer Products	BGA/Portable	Base Station	Power Module	Base Station/Server	Power Conversion	Microwave/RF Systems
Electric Insulation	Yes	Yes	Yes	Yes	Yes	Superior	Yes

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