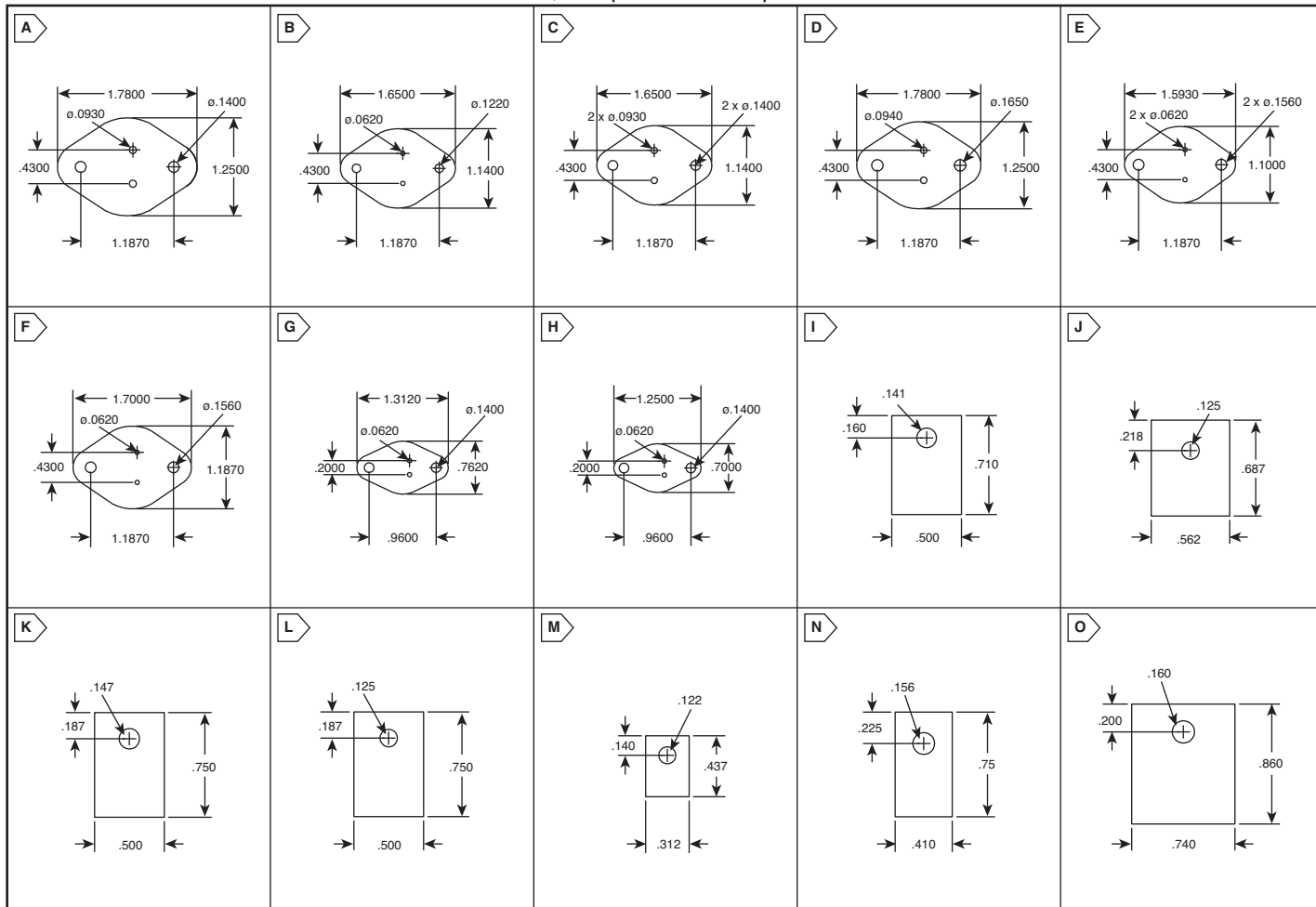


GORE PolarChip™ Thermal Management Pads



RoHS Compliant This product is RoHS compliant.



GORE™ POLARCHIP™ THERMAL INTERFACE MATERIAL (TIM)

Features:

- Is engineered for heat transfer in silicone sensitive applications requiring conformability and low thermal resistance at low applied pressure.
- Fill: undesirable air gaps between the heat generating devices and the heat dissipating surfaces.
- Is ideal for gap filling applications where the gap is variable due to surface irregularities (roughness, flatness, planarity, etc.), large tolerance stack-ups, or multiple device heights.
- Reduces interfacial contact resistance while minimizing the stress placed on the device components, by being soft, conformable, and highly compressible.
- ePTFE based thermal pads are ideal for silicone sensitive applications.

Benefits:

- Soft, conformable, and compliant
- use thinner pad to absorb larger tolerance range
 - use of thinner pad reduces total thermal resistance
 - take up larger tolerance stacks to eliminate costly secondary machining operations
 - use single pad to cover multiple components
- Highly compressible at low pressures with no lateral flow
- reduces mechanical stress on sensitive components
- Physically robust, durable, easy to handle and install
- produced in continuous rolls suitable for automation
 - no reinforcement layers (e.g., metal foil, fiberglass mesh, etc.)
 - non-tacky surface allows for "no-mess" rework
- Low in silicone content eliminates "silicone bleeding"
- Electrically Insulative



RoHS Compliant

GORE™ POLARCHIP™ THERMAL MANAGEMENT PADS - 5.25" X 3.75" SAMPLE SHEETS

• Custom Die cut parts are available



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Gore Part No.	Dimensions: in. (mm)	Price Each			
			1	3	5	10
880-CP6000-020	CP6000-020	0.02" (0.5mm)	20.70	18.40	17.25	16.10
880-CP6000-030	CP6000-030	0.03" (0.75mm)	29.70	26.40	24.75	23.10
880-CP6000-040	CP6000-040	0.04" (1mm)	34.20	30.40	28.50	26.60
880-CP8000-020	CP8000-020	0.02" (0.5mm)	12.60	11.20	10.50	9.80
880-CP8000-030	CP8000-030	0.03" (0.75mm)	17.10	15.20	14.25	13.30
880-CP8000-040	CP8000-040	0.04" (1mm)	21.60	19.20	18.00	16.80
880-CP8000-060	CP8000-060	0.06" (1.5mm)	30.60	27.20	25.50	23.80

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Gore Part No.	Fig.	Case Style	Thermal Resistance @ 0.07Mpa (10psi) °C-cm2/W	Thermal Resistance @ 0.17Mpa (25psi) °C-cm2/W	Thermal Resistance @ 0.34Mpa (50psi) °C-cm2/W	Thermal Conductivity @ 0.07Mpa (10psi) °C-cm2/W	Thermal Conductivity @ 0.17Mpa (25psi) °C-cm2/W	Thermal Conductivity @ 0.34Mpa (50psi) °C-cm2/W	Price Each				
										1	10	50	100	500
880-108TI-5193-02	108TI-5193-02	A	TO-3 Code 2	5.7	4.4	3.6	0.84	1.0	1.2	1.39	1.11	1.01	.92	.85
880-108TI-5193-03	108TI-5193-03	B	TO-3 Code 4	5.7	4.4	3.6	0.84	1.0	1.2	1.23	.98	.89	.81	.75
880-108TI-5193-04	108TI-5193-04	C	TO-3 Code 5	5.7	4.4	3.6	0.84	1.0	1.2	1.23	.98	.89	.81	.75
880-108TI-5193-05	108TI-5193-05	D	TO-3 Code 7	5.7	4.4	3.6	0.84	1.0	1.2	1.39	1.11	1.01	.92	.85
880-108TI-5193-06	108TI-5193-06	E	TO-3 Code 23	5.7	4.4	3.6	0.84	1.0	1.2	1.20	.96	.87	.79	.73
880-108TI-5193-07	108TI-5193-07	F	TO-3 Code 24	5.7	4.4	3.6	0.84	1.0	1.2	1.36	1.09	.99	.90	.83
880-108TI-5193-08	108TI-5193-08	G	TO-66 Code 11	5.7	4.4	3.6	0.84	1.0	1.2	1.09	.87	.79	.72	.66
880-108TI-5193-09	108TI-5193-09	H	TO-66 Code 30	5.7	4.4	3.6	0.84	1.0	1.2	1.04	.83	.75	.68	.63
880-108TI-5193-10	108TI-5193-10	I	TO-220 Code 35	5.7	4.4	3.6	0.84	1.0	1.2	.81	.65	.59	.54	.50
880-108TI-5193-11	108TI-5193-11	J	TO-220 Code 51	5.7	4.4	3.6	0.84	1.0	1.2	.81	.65	.59	.54	.50
880-108TI-5193-12	108TI-5193-12	K	TO-220 Code 54	5.7	4.4	3.6	0.84	1.0	1.2	.81	.65	.59	.54	.50
880-108TI-5193-13	108TI-5193-13	L	TO-220 Code 58	5.7	4.4	3.6	0.84	1.0	1.2	.81	.65	.59	.54	.50
880-108TI-5193-14	108TI-5193-14	M	TO-220 Code 60	5.7	4.4	3.6	0.84	1.0	1.2	.81	.65	.59	.54	.50
880-108TI-5193-15	108TI-5193-15	N	TO-220 Code 61	5.7	4.4	3.6	0.84	1.0	1.2	.81	.65	.59	.54	.50
880-108TI-5193-16	108TI-5193-16	O	TO-220 Code 90	5.7	4.4	3.6	0.84	1.0	1.2	.93	.74	.67	.61	.56



Gore

Heat Sinks