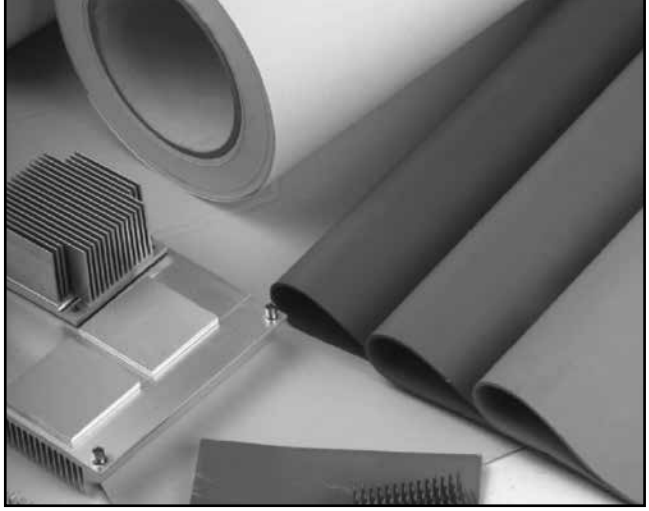
Thermal Management Materials (6000 Series)



MAJR 6000 thermal Management materials consist of sheet, adhesive, and grease compounds; these thermal materials are used in a wide variety of markets such as LED, chip sets for IC controller packages, IT for industrial and personal computers, DRAM Modules, telecom devices, automotive control units, and a variety of other products used in military and commercial markets.

Product Application (6001 - 6023) The thermal materials described below are incorporated in our 6000 Series for thermal interface materials.

- All materials are rated at UL 94 VO
- Colors are varied dependant on material
- Other material specifications such as thickness, standard sheet size, density, and resistance are available upon request.

Product Technical Data (6001) — Thermal Pad

PROPERTY	RANGE	UNIT	TEST METHOD
Thermal conductivity	1.7	W/m-k	ASTM D5470
Hardness	5.0	Shore A	ASTM D2240
Dielectric breakdown	>10	KV	ASTM D149

Product Technical Data (6002) – Thermal Pad

PROPERTY	RANGE	UNIT	TEST METHOD
Thermal conductivity	1.6	W/m-k	ASTM D5470
Hardness	15	Shore A	ASTM D2240
Dielectric breakdown	>7	KV	ASTM D149

Product Technical Data (6003) – Thermal Pad

PROPERTY	RANGE	UNIT	TEST METHOD
Thermal conductivity	2.2	W/m-k	ASTM D5470
Hardness	10	Shore A	ASTM D2240
Dielectric breakdown	>5	KV	ASTM D149

Product Technical Data (6004) – Thermal Pad

PROPERTY	RANGE	UNIT	TEST METHOD
Thermal conductivity	3.2	W/m-k	ASTM D5470
Hardness	20	Shore A	ASTM D2240
Dielectric breakdown	>7.0	KV	ASTM D149

Product Technical Data (6005) – Conductive Grease

PROPERTY	RANGE	UNIT	TEST METHOD
Thermal conductivity	3.6	W/m-k	ASTM D5470
Hardness	-	Shore A	ASTM D2240
Dielectric breakdown	1.0 at 0.1mm	KV	ASTM D149

MAJR PRODUCTS

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