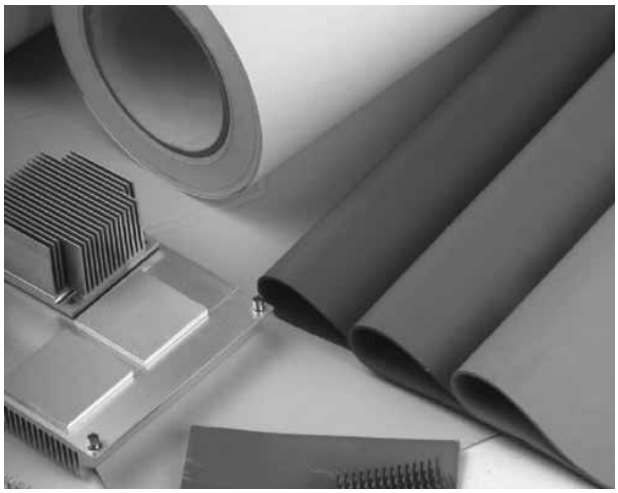
Thermal Management Materials (6000 Series)

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 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 (600A) — Thermal Pad

PROPERTY	RANGE	UNIT	TEST METHOD
Thermal conductivity	2.0	W/m-k	ASTM D5470
Hardness	55	Shore 00	ASTM D2240
Dielectric breakdown	>12.0	KV	ASTM D149

Product Technical Data (600B) – Thermal Pad

PROPERTY	RANGE	UNIT	TEST METHOD
Thermal conductivity	2.0	W/m-k	ASTM D5470
Hardness	55	Shore 00	ASTM D2240
Dielectric breakdown	>12.0	KV	ASTM D149

Product Technical Data (600C) – Thermal Pad

PROPERTY	RANGE	UNIT	TEST METHOD
Thermal conductivity	2.2	W/m-k	ASTM D5470
Hardness	15	Shore 00	ASTM D2240
Dielectric breakdown	>13.0	KV	ASTM D149

Product Technical Data (600D) – Thermal Pad

PROPERTY	RANGE	UNIT	TEST METHOD
Thermal conductivity	3.5	W/m-k	ASTM D5470
Hardness	35	Shore 00	ASTM D2240
Dielectric breakdown	>13.0	KV	ASTM D149

Product Technical Data (600E) – Conductive Grease

PROPERTY	RANGE	UNIT	TEST METHOD
Thermal conductivity	5.3	W/m-k	ASTM D5470
Hardness	-	Shore A	ASTM D2240
Volume Resistivity	$>10^{12}$	Ohm-m	ASTM D257

Phone: (814) 763-3211 | Fax: (814) 763-2952 | email: sales@majr.com | www.majr.com