

## Thermal Management Materials (6000 Series) 6007 Graphite Film Material

### Product Summary

MAJR Products 6007 material is 5 mil thick graphite based film. One side is coated with an acrylic, thermally conductive adhesive. It's exceptionally high thermal conductivity (4.0 W/mK) is ideal for larger contact areas. The material is reworkable, clean to touch at any temperature and is easy to apply.

### Product Application

Suggested 6007 material uses:

- Dry replacement for thermal grease
- Thermal contact for large area power devices
- Easy assembly line usage in pre-cut shapes on master roll
- Pre-positioning on heat sink before assembly



### Product Technical Data

<i>Properties</i>	<i>Unit of Measure</i>
Color	Metallic Black
Short Term Temp. Resistance - 30 Sec	392 <sup>0</sup> F (200 <sup>0</sup> C)
Continuous use Temperature	-22 <sup>0</sup> F to +302 <sup>0</sup> F (30 <sup>0</sup> C to +150 <sup>0</sup> C)
Tensile Strength	500 PSI
Thermal Impedance @ 10 PSI	0.10 C in <sup>2</sup> /W
Thermal Conductivity	4.0 W/mK
Total Thickness	0.006 inches (0.152 mm)

*Parts can be supplied loose or "kiss-cut" on a high volume roll .*