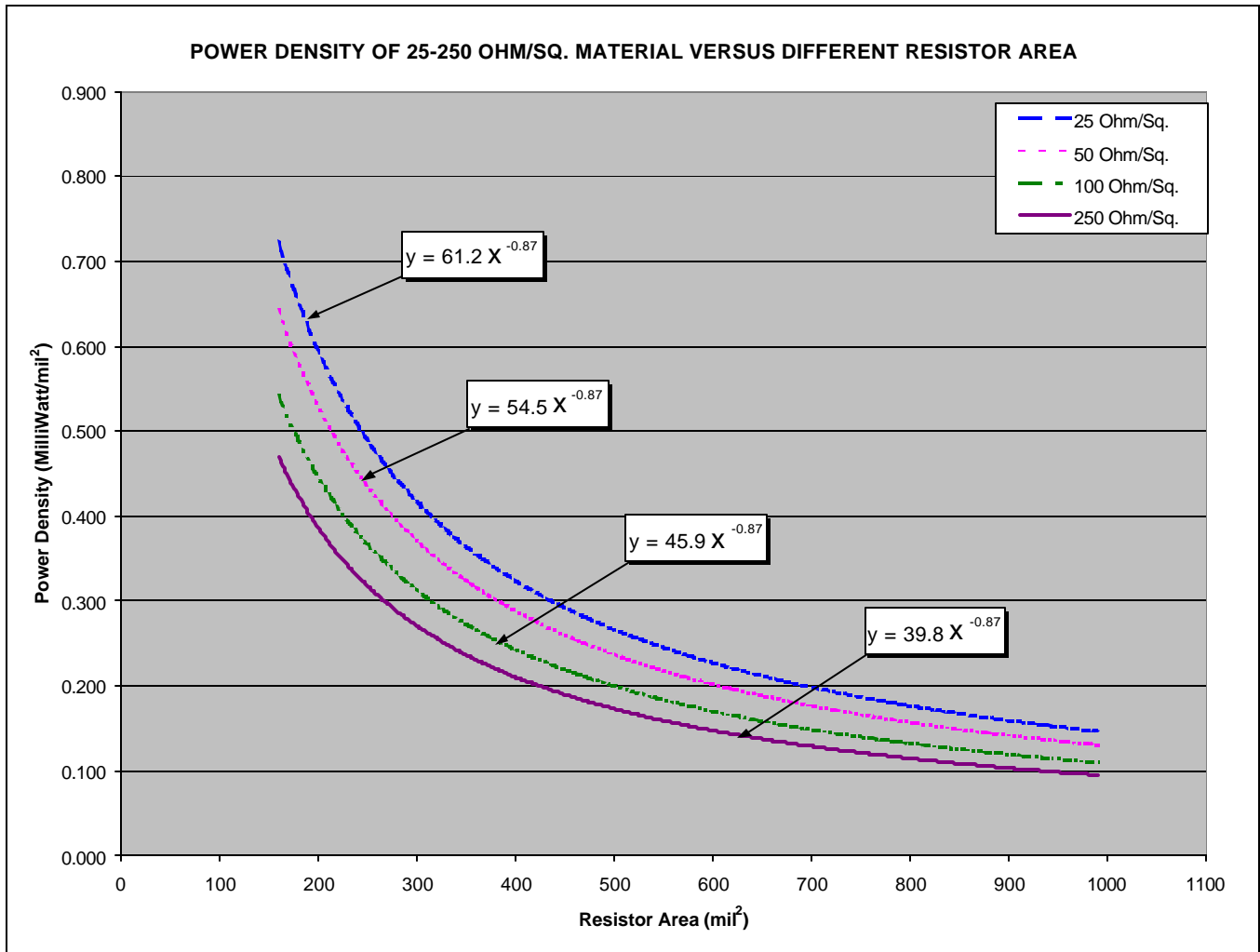


RECOMMENDED POWER DISSIPATION

The figure shows the recommended power dissipation of small resistor area (less than 1100 mil²) at 25 °C ambient



For resistor area larger than 1100 mil², the recommended power dissipation at 40 °C ambient is as follows:

25 ohms per square
 50 ohms per square
 100 ohms per square
 250 ohms per square

150+ Watts/sq inch
 138+ Watts/sq inch
 100+ Watts/sq inch
 90+ Watts/sq inch

Maximum power dissipation depends on the ambient temperature, resistor element size and laminate/circuit board thermal properties. Dissipation improves with the use of natural heatsinks such as ground and power planes. Typical power dissipation for most Ohmega-Ply resistor designs operating at an ambient of less than 70 °C is approximately 1/10 to 1/8 Watt.

Note: Because of continuing product improvement, the above specifications and properties are subject to change. The information and data contained herein are based on tests to date, but no warranty thereof is given.