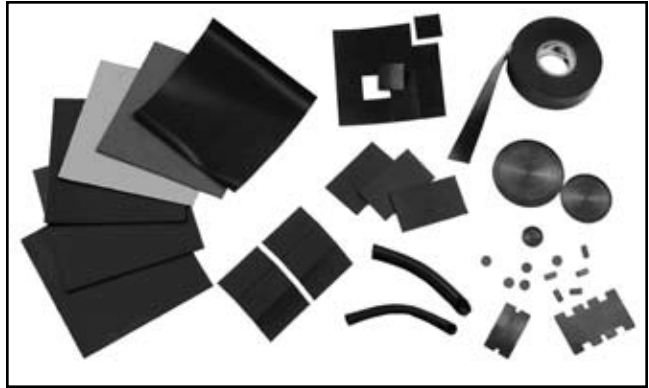


# Broadband Microwave Absorber Materials (6500 Series)



Introducing the MAJR 6500 EMI Absorber material product line. The 6501 product is an RoHS Compliant 6500 electromagnetic absorbing material, sheet stock. This absorber is used in a wide variety of markets such as Cellular and telecom, electronic device, radar cross section reduction, and a variety of other antenna and electronic housing applications.

The 6501 material is an elastomer based thin, flexible, and easy to install in even the tightest of applications. The absorber can be supplied die cut or water jet cut to your specification. In addition, for installation ease the absorber can be supplied with pressure sensitive adhesive.

*Features*

- \*This material is ultra soft and can be applied to irregular surfaces.
- \*Incorporation of a self adhesive backing for ease of use in general to high altitude / vibration applications.

PROPERTY ABSORBER 6501	CHARACTERISTIC
Frequency	10 MHz - 8 GHz
MIL-A-17161D	Loss dB @ 1.0mm thk: 0.9GHz (-1.7), 1.8 GHz (-2.35), 2.4 GHz (-3.04)
Thickness w/o adh.	0.22mm, 0.25mm, 0.33mm, 0.6mm, 1.0mm, 1.5mm, 2.0mm, 2.5mm
Temperature range	-20°C to 0°C
Surface resistivity	10 <sup>6</sup> Ohm
RoHS	Compliant
Color	Gray/Black
Application use	Computer / Notebook Cellular and Telecom Military — Reduction of radar cross section RFID Tag / Readers - Antenna Systems Oscillators and Amplifiers Aeronautical devices GPS systems Digital camera and video recorders
Standard size	40 cm x 40 cm