HiMag™ CAVITY RESONANCE ABSORBER

**APPLICATIONS**
- Resonant cavity attenuation
- Rx/Tx antenna isolation
- High frequency interference
- Inside a shielding can

**FEATURES AND BENEFITS**
- Flexible elastomeric material will not crack
- RoHS Compliant
- Halogen Free

**TYPICAL PROPERTIES**
- Sheet Size: .020” x 24” x 24”
- GHz: 14-18
- Elastomer: Silicone
- Operating Temp: -60°F to 375°F
- Flame Rating: UL94-VO
- Hardness: Shore A 60-80

**AVAILABILITY**
- Without adhesive - Part # AB340-0058
- With adhesive - Part # AB340-0058-AD
- Format: Die Cut, Kiss Cut Pads

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**M O D U S A D V A N C E D T A K E S Y O U F R O M I D E A T O I G N I T I O N**

1. **IDEA**
   - You design the perfect part

2. **ENGINEERING**
   - You specify the best material

3. **SOLUTION**
   - We strategically plan

4. **IGNITION**
   - We produce and deliver

**PICK A MATERIAL**

LET MODUS CUT IT TO SIZE

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**DATASHEET**

HiMag™ Cavity Resonance Absorber die-cut parts and gaskets are thin, magnetically loaded sheet stock, having high loss at microwave frequencies, while maintaining the desirable characteristics of elastomeric binders. Cavity Resonance Absorbers are designed to exhibit high loss and are intended to be applied to metal surfaces inside microwave cavities to reduce the Q of the cavity.

**ELECTRICAL PERFORMANCE:**

The performance plot shown on the left illustrates the reflection loss performance of this material. Reflection loss is measured on a NRL arch. For more information on the NRL arch test set-up, please contact a Modus™ technical representative. Additional electrical test data may be available upon request.

**CUSTOMERS ALSO SEARCHED:**

- RF Absorbing Material
- RF Absorbers
- Microwave Absorbing Materials
- Microwave Absorber
- Radar Absorbing Material
- Radar Absorber
- Radar Absorbtant Material
- Absorbing Foam
- EMI Absorbing Material
- Wave Attenuation Devices
- Magnetic Foam Sheets
- Radar Absorbing Materials
- RF Attenuation

**ABOUT MODUS**

We are Modus! With multiple locations in North America and China, Modus Advanced, Inc. is a diversified custom manufacturer which converts EMI Shielding, Environmental Gasket Materials, Microwave Absorbers, Acoustic Materials, Thermal Interface Materials and other high performance materials into finished parts. Modus utilizes its 40 years as an established provider of high quality, reliable products to create precisely what customers specify. Innovative processes; custom fabrication utilizing performance materials; an on time delivery record of more than 99% means Modus is well positioned to help your company succeed.

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