HiMag™ CAVITY RESONANCE ABSORBER
PART#: AB340-0066  THICKNESS: 1"  GHz: 2-5

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.

Reflectivity Performance

Reflectivity Loss (dB)

Frequency (GHz)

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: 1" x 24" x 24"
- GHz: 2-5
- Elastomer: Silicone
- Operating Temp: -60°F to 375°F
- Flame Rating: UL94-VO
- Hardness: Shore A 60-80

Availability

Without adhesive - Part # AB340-0066
With adhesive - Part # AB340-0066-AD

- Format: Die Cut, Kiss Cut Pads

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.