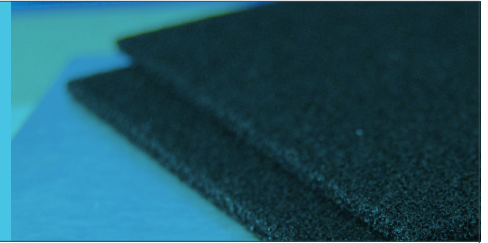


HiMAGTM SERIES LOSSY FOAM ABSORBER



Modus Advanced, Inc. Lossy Foam Absorber products are lightweight, conductive, carbon loaded sheet stock which provides broadband insertion loss at microwave frequencies. Lossy Foam Absorbers are designed with a continuous electrical coating to exhibit high insertion loss and are intended to be applied to metal surfaces inside microwave cavities, housings, radomes, network enclosures, or antennae. Lossy Foam Absorbers attenuate energy at normal and high angles of incidence at frequencies from 2 GHz to 18 GHz.

The primary method of application for Lossy Foam Absorbers is utilizing a Pressure Sensitive Adhesive (PSA) backing. Other liquid and paste adhesives may be recommended. Please contact a Modus technical representative for more information pertaining to your specific needs.

APPLICATIONS

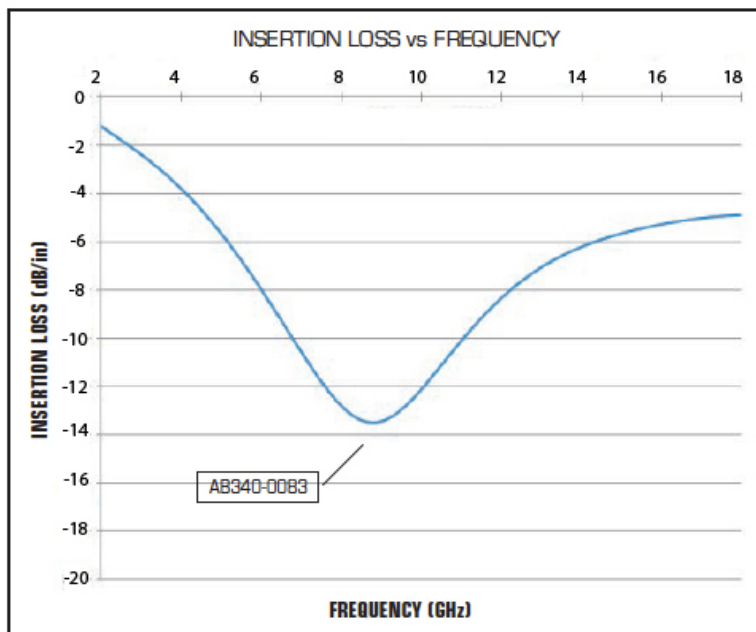
- Antenna pattern performance
- Sidelobe/backlobe reduction
- Resonant cavity attenuation
- EM reduction
- Rx/Tx antenna isolation
- Radar cross section reduction
- Dual use air filter/EM absorber

FEATURES AND BENEFITS

- Lightweight open cell polyurethane foam
- Cost effective broadband material
- Easily applied with PSA
- Broadband insertion loss performance
- RoHS compliant
- Halogen free

HiMAGTM LOSSY FOAM ABSORBER

.125" THICK LOSSY FOAM PERFORMANCE



ELECTRICAL PERFORMANCE: The performance plot shown above 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.

TYPICAL PROPERTIES

- Thickness Range: 0.125" (3.2mm) to .5" (12.7mm)
- Color: Black
- Operating Temperature: -60°F to 250°F
- Flame Rating: UL94-HF1 Available

AVAILABILITY:

- Standard Sheet Sizes:
24" x 24" (564 x 564mm)
36" x 36" (769 x 769mm)
- Format: Sheets, Die Cut

CUSTOMERS ALSO SEARCHED:

Silicone	UL 94 V-0
Silicone sponge	Water sealing
Silicone gaskets	RoHS gasket
Silicone sponge gasket	LED gasket
Silicone foam	Conductive gasket
Silicone gasket	Die cut gasket
Microcellular urethane	Die cut seal
Urethane foam gaskets	Rubber gasket
Cellular urethane	EMI shielding rubber
LCD gaskets	Conductive rubber
Low outgassing	Form in place
UL 94 HBF gasket	LED gasket

MODUS ADVANCED TAKES
YOU FROM IDEA TO IGNITION



IDEA



ENGINEERING



SOLUTION



IGNITION



PICK A MATERIAL

LET MODUS CUT IT TO SIZE

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.

This information is based on data believed to be reliable, but Modus makes no warranties, expressed or implied, as to its accuracy and assumes no liability arising out of its use. The data listed falls within the normal range of product properties, but should not be used to establish specification limits or used alone as the basis of design. Modus' liability to purchasers is expressly limited to the terms and conditions of sales listed on our website.