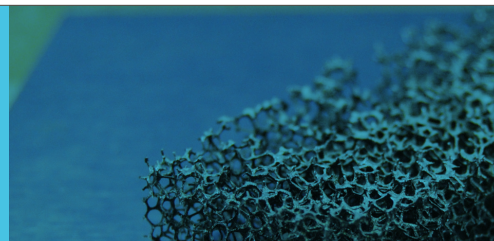


HiMAGTM SERIES RETICULATED FOAM ABSORBER



Modus Advanced, Inc. Reticulated Foam Absorber products are lightweight, conductive, carbon loaded sheet stock which provide broadband loss at microwave frequencies. Reticulated Foam Absorbers are designed with a continuous gradient coating to exhibit high reflection loss and are intended to be applied to metal surfaces inside microwave cavities, housings, radomes, network enclosures, or antennae. Reticulated 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 Reticulated 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

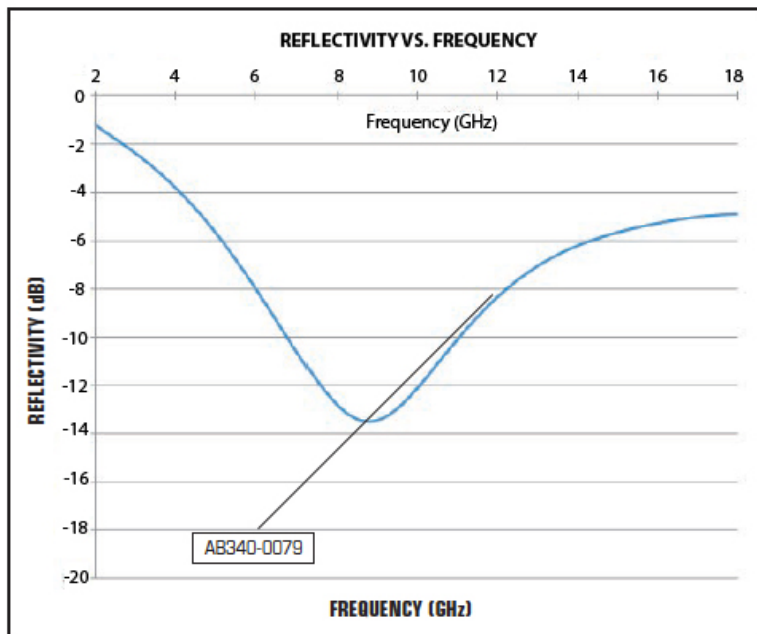
- Antenna pattern performance
- Sidelobe/backlobe reduction
- Resonant cavity attenuation
- EM reduction
- RX/TX antenna isolation
- Radar cross section reduction
- Dual use air filter/EM absorber

FEATURES AND BENEFITS

- Lightweight polyether reticulated foam
- Cost effective broadband material reflection loss performance
- Easily applied with PSA
- RoHS compliant
- Halogen free

HiMAGTM RETICULATED FOAM ABSORBER

.5" THICK RETICULATED FOAM ABSORBER 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: .375" to 125"
- 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:

RF Absorbing Material	Absorbing Material
Radio Frequency Absorbing Material	RF Materials
RF Absorbing Foam	Microwave Absorbing Material
RF Absorber	Microwave Absorber
Radar Absorbing Material	Radar Absorber
Absorber Foam	Radar Absorbant Material
RF Absorber Material	Absorbing Foam
Microwave Absorber Material	EMI Absorbing Material
RF Absorbers	Wave Attenuation Devices
Radio Frequency Absorption	Magnetic Foam Sheets
Microwave Absorbing Materials	Radar Absorbing Materials
	RF Attenuation
	Radar Absorbing Material

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.