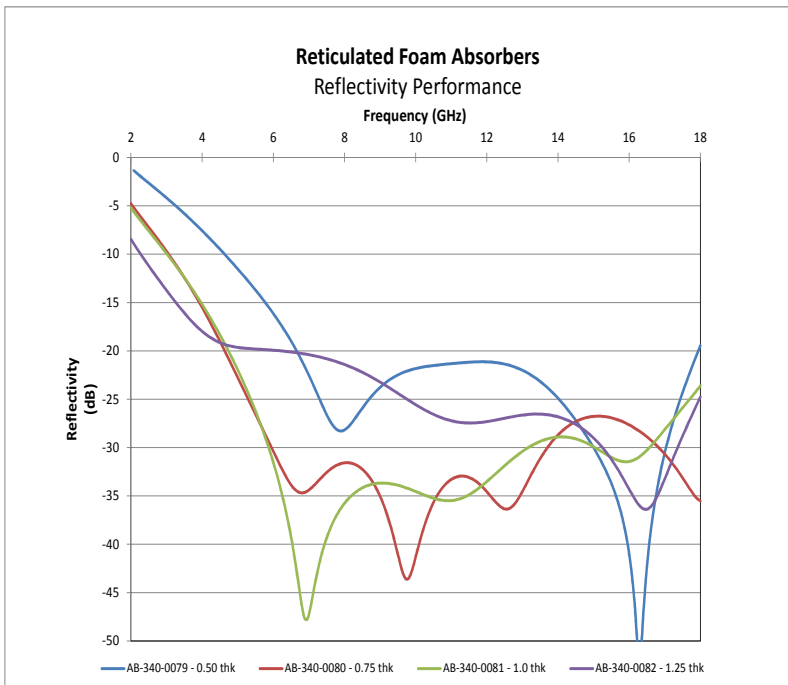
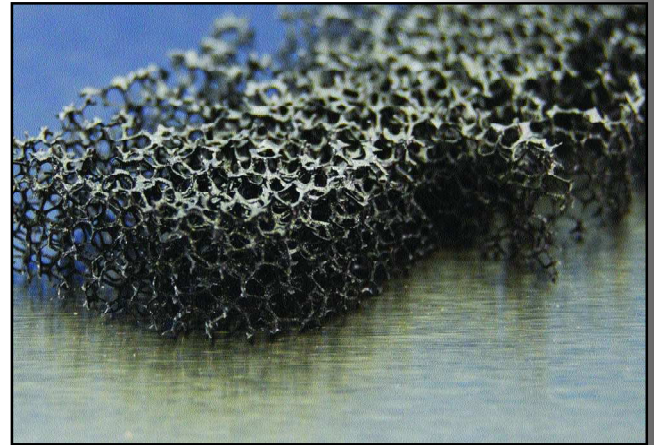




RETICULATED FOAM ABSORBER

Western Rubber & Supply, 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 WRS technical representative for more information pertaining to your specific needs.



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 WRS technical representative. Additional electrical test data may be available upon request.

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

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