



## MF11-0005-00

Reticulated Foam Absorber, gradient loading, 1.250" thick

### APPLICATIONS

- Antenna Pattern Performance
- Sidelobe/backlobe reduction
- Resonant Cavity Attenuation
- EMI Reduction
- Rx/Tx Antenna Isolation
- Radar Cross Section Reduction
- Dual use air filter/EMI absorber

### ELECTRICAL PERFORMANCE

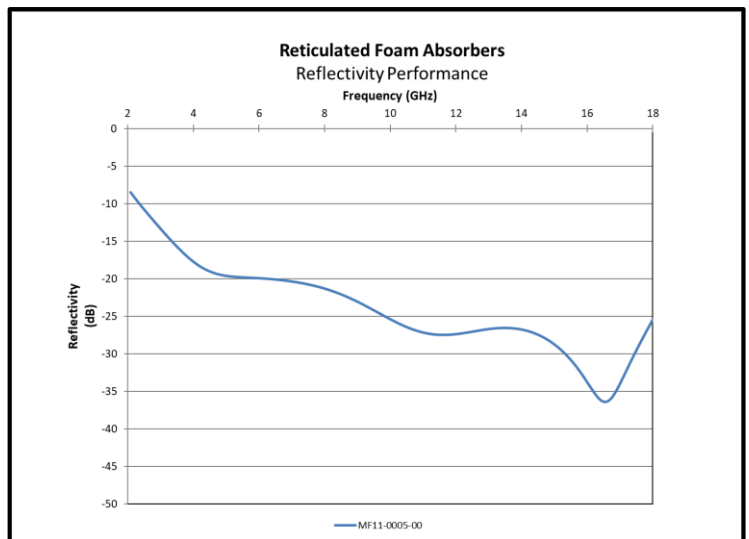
This performance plot illustrates the reflection loss performance of this material. Reflection loss is measured on an NRL arch, for more information on the NRL arch test set-up refer to Tech Bulletin 101. Additional electrical test data may be available upon request.

### FEATURES & BENEFITS

- Lightweight polyether reticulated foam
- Cost effective broadband material
- Easily applied with PSA
- Most broadband absorber material
- RoHS Compliant
- Halogen Free

### TYPICAL PROPERTIES

- Thickness: 1.250" (31.75mm)
- Adhesive Thickness: 0.005" (0.12mm)
- Color: Black
- Operating Temperature: -60°F to 250°F



### AVAILABILITY

Standard Sizes: 24" x 24" (610 x 610 mm)

Format: Sheets, Die Cut, Kiss Cut Pads

### PART NUMBERING

MF11-0005-XX  
 00: No PSA backing  
 01: 0.005" PSA backing  
 >10: Die Cut

All information on this data sheet is based on laboratory testing and is not intended for design purposes. MAST Technologies makes no representations or warranties of any kind concerning this data. For part number quality assurance specifications, please contact a MAST Technologies technical representative.

Revision: 01/2018

**MAST**  
**TECHNOLOGIES**  
 Innovative Materials for Integrated Solutions