

MR51-0003-00

Low Frequency Absorber, Acrylic, 0.010" thick

APPLICATIONS

Traveling, creeping, surface wave absorption
Resonant Cavity Attenuation
EMI Reduction
Mounted to an IC on a PCB
Mounted directly on a microstrip
High Frequency Interference
Inside a shielding can
Specular Return (RCS)

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

Tough material can survive outdoor exposure
Very thin for compact locations
Flexible elastomeric material will not crack
Support broad frequency range
RoHS/REACH Compliant
Halogen Free

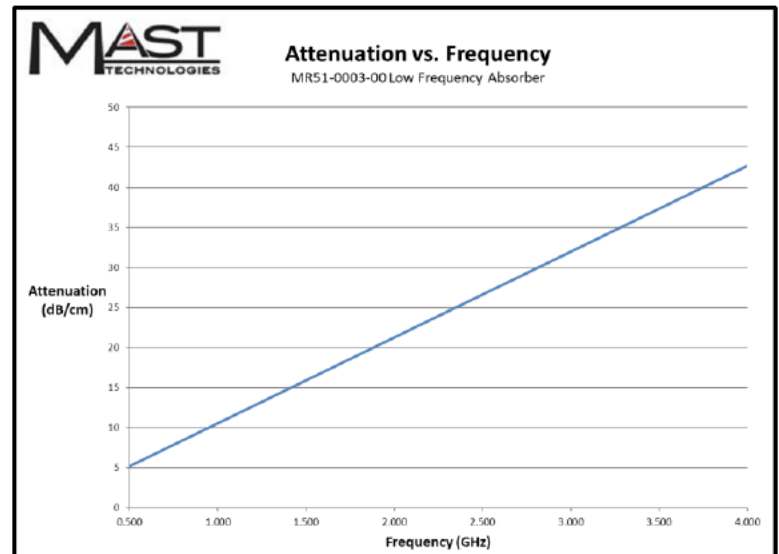
TYPICAL PROPERTIES

Thickness: 0.010" (0.3mm)
Adhesive Thickness: 0.002" (0.05mm)
Color: Dark Grey
Elastomer: Acrylic Rubber
Operating Temperature: -60°F to 300°F
Flammability Rating: UL94 V-0 (File # E348216)
Hardness: Shore A 60-80

AVAILABILITY

Standard Sizes: 12" x 12" (305 x 305mm)
24" x 12" (610 x 305 mm)

Format: Sheets, Die Cut, Kiss Cut Pads



PART NUMBERING

MR51-0003-00
00: No PSA backing
02: 0.002" 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.

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