

MR21-0002-00

Cavity Resonance Absorber, Silicone, 0.030" thick

APPLICATIONS

- Resonant Cavity Attenuation
- EMI Reduction
- Rx/Tx Antenna Isolation
- System Isolation
- High Frequency Interference
- Inside a shielding can
- Specular Return (RCS)

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: 0.030" (0.8mm)
- Adhesive Thickness: 0.005" (0.12mm)
- Color: Dark Grey
- Elastomer: Silicone
- Operating Temperature: -60°F to 325°F
- Flammability Rating: UL94 V-0 (File # E348216)
- Hardness: Shore A 60-80

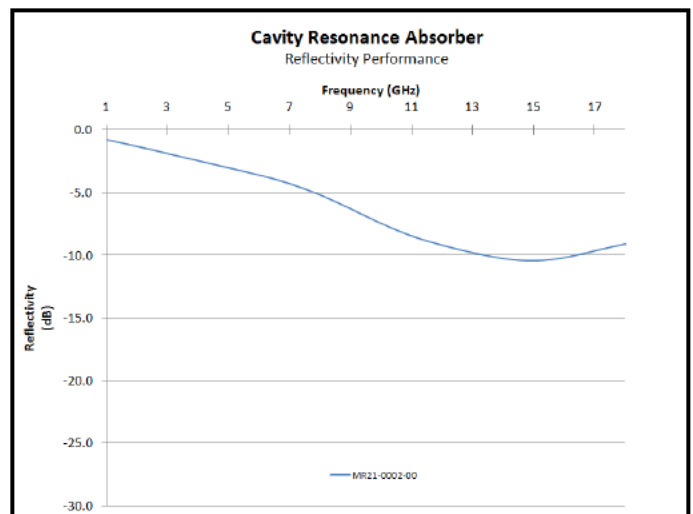
AVAILABILITY

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

Format: Sheets, Die Cut, Kiss Cut Pads

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.



PART NUMBERING

MR21-0002-XX
00: 24" x 24" without PSA backing
01: 24" x 24" with 0.005" PSA backing
02: 24" x 24" with 0.002" PSA backing
20: 12" x 12" with 0.005" PSA backing

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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