



## MR11-0018-00

Tuned Frequency Absorber, Silicone, 18.0 GHz

### APPLICATIONS

- Ship MASTs
- Specular return (RCS)
- Discrete frequency absorption
- Antenna isolation & patterning
- Aircraft seals
- Aircraft ducts
- Instrument housings

### 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: 0.046" (1.2mm)
- Adhesive Thickness: 0.005" (0.05mm)
- Color: Dark Grey
- Elastomer: Silicone
- Operating Temperature: -60°F to 375°F
- Flammability Rating: UL94 V-0 (File # E348216)
- Hardness: Shore A 60-80

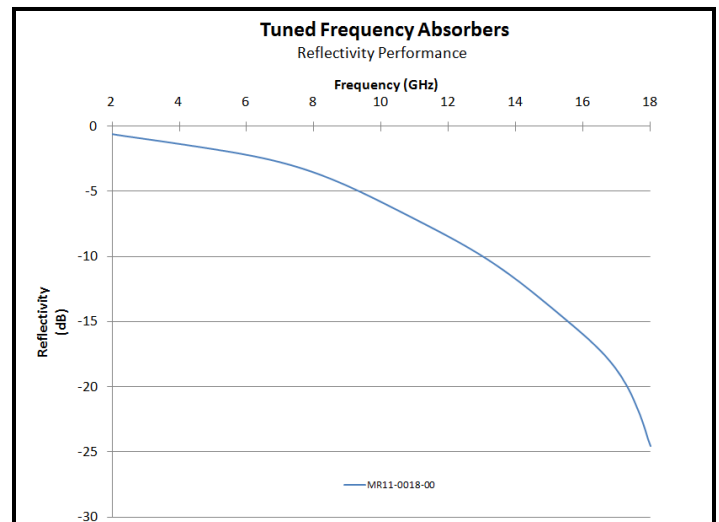
### AVAILABILITY

- 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

- MR11-0018-00
- 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.

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