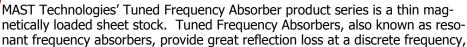
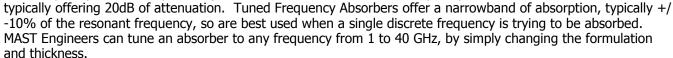




Tuned Frequency Absorber

MR12-0016-00







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

Narrow frequency range

RoHS Compliant

Halogen Free

TYPICAL PROPERTIES

Frequency: 16.0 GHz

Thickness: 0.043" (1.1mm)

Adhesive Thickness: 0.005" (0.05mm)

Color: Dark Grey Elastomer: Nitrile

Operating Temperature: -60°F to 300°F

Flammability Rating: Not Rated

Hardness: Shore A 60-80

PART NUMBERING: MR12-0016-XX

01: PSA backing

00: No PSA backing

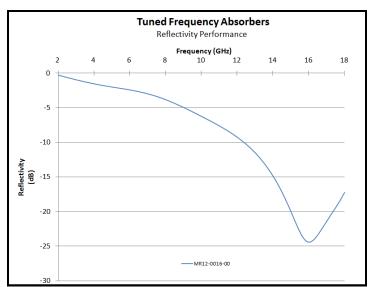
>10: Die Cut

6370 Nancy Ridge Dr. Suite 103 San Diego, CA 921<u>21</u>

MAST Technologies

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, please refer to Tech Bulletin 101. Additional electrical test data may be available upon request.



METHOD OF APPLICATION

The primary method of application for Tuned Frequency Absorbers is utilizing a Pressure Sensitive Adhesive (PSA) backing. MAST proudly uses 3M transfer tapes on it's Tuned Frequency Absorbers. Contact MAST technical representatives for a datasheet on the PSA.

Other liquid and paste adhesives may be recommended. Contact a MAST technical representative for more information.

AVAILABILITY

Standard Sheet Sizes: 20" x 20" (564 x 564mm)

24" x 24" (769 x 769 mm)

Format: Sheets, Die Cut, Kiss Cut Pads

Revision: November 11, 2010

tel+ 1.858.452.1700