

HiMAGTM SILICONE ABSORBER CAULK

PART#: AB340-0040



Modus Advanced, Inc.'s HiMagTM Silicone Absorber Caulk is a two-part liquid silicone which is magnetically loaded to be electrically equivalent to the HiMagTM Cavity Resonance Absorber products. Silicone Absorber Caulk is an excellent solution for prototyping and testing. It can also be used in a production environment via an automated dispensing system.

Instructions for Use:

HiMagTM Silicone Absorber Caulk is supplied in two parts, as lot-matched base and curing agent, that are mixed in a ratio of 70 parts base to one part curing agent by weight. Just prior to use, thoroughly mix the base and curing agent. Agitate gently to reduce the amount of air introduced during mixing. Allowing the mixture to set for 30 minutes before use may be adequate for the removal of air bubbles. If still present, vacuum degassing may be required.

Vacuum Degassing:

If you purchase a SEM-Kit, the material will be degassed. If not, remove air entrapped during mixing by common vacuum degassing procedures, observing all safety precautions. Slowly apply vacuum, up to 28 inches Hg. to a container rated for use and of volume at least four times that of material being degassed. Hold vacuum until presence of air is no longer evident.

1

IDEA

You design the perfect part

2

ENGINEERING

You specify the best material

3

SOLUTION

We strategically plan

4

IGNITION

We produce and deliver

CUSTOMERS ALSO SEARCHED:

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RF Absorbing Foam	Microwave Absorbing Materials	EMI Absorbing Material
RF Absorber	Absorbing Material	Wave Attenuation Devices
Radar Absorbing Material	RF Materials	Magnetic Foam Sheets
Absorber Foam	Microwave Absorbing Material	Radar Absorbing Materials
RF Absorber Material	Microwave Absorber	RF Attenuation
Microwave Absorber Material	Radar Absorber	Radar Absorbing Material

APPLICATIONS

- Prototyping and testing
- Production via an automated dispensing system

FEATURES AND BENEFITS

- Magnetically loaded to be electrically equivalent to HiMagTM Cavity Resonance Absorber products.

TYPICAL PROPERTIES

- Elastomer: Liquid Silicone
- Description: Two-part, castable liquid silicone RTV
- Appearance: Gray
- Product Forms: Cast parts, gap filler
- Electrical Properties: Equivalent to HiMagTM Cavity Resonance Absorbers
- Hardness (Shore A): 85
- Operating Temperature Range: 350°F
- Mix Ratio: 70:1 (base/curing agent)
- Working Time at Room Temperature: 2 hours
- Recommended Cure Parameters:
 - >48 at RT
 - 35 min. at 212°F
 - 20 min. at 257°F
 - 10 min. at 302°F

AVAILABILITY

- 1 quart size
- 8 oz. SEM-KIT
- Other sizes available

MODUS ADVANCED TAKES YOU FROM IDEA TO IGNITION



1. IDEA

You design the perfect part



2. ENGINEERING

You specify the best material



3. SOLUTION

We strategically plan



4. IGNITION

We produce and deliver



PICK A MATERIAL

LET MODUS CUT IT TO SIZE

We are Modus! With multiple locations in North America and China, Modus Advanced, Inc. is a diversified custom manufacturer which converts EMI Shielding, Environmental Gasket Materials, Microwave Absorbers, Acoustic Materials, Thermal Interface Materials and other high performance materials into finished parts. Modus utilizes its 40 years as an established provider of high quality, reliable products to create precisely what customers specify. Innovative processes; custom fabrication utilizing performance materials; an on time delivery record of more than 99% means Modus is well positioned to help your company succeed.

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