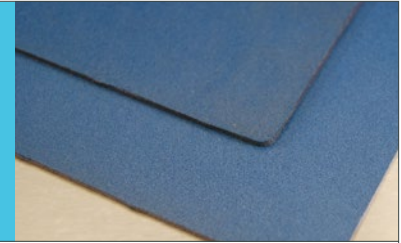


WESSHIELD™ RC-350-2190 EMI SHIELDING FLUROSILICONE



WesShield™ EMI shielding materials have been specifically designed to be used in the most demanding military and commercial applications. WesShield™ RC350-2190 is a high performance 70 durometer EMI shielding fluorosilicone compound that is filled with silver-plated aluminum-filled particles.

The RC350-2190 shielding compound is either compression molded into custom parts or calendared into flat gasket material for further processing as die cut EMI shielding gaskets. Electrically conductive adhesive can be added to most die cut gaskets.

TYPICAL PROPERTIES		
Property	Value	Method
Shore A (63-77 range)	70	ASTM D2240
Tensile psi (180 minimum)	330 psi	ASTM D412
Elongation % (60-260)	245%	ASTM D412
Compression Set % (30 max.)	29% (70 hours at 100°C)	ASTM D395 M-B
Compression Deflection (3.5% minimum)	6%	ASTM D575
Specific Gravity (1.75 - 2.25)	2.10	ASTM D792
Volume Resistivity ohm/cm (0.012 max)	.005 ohm /cm	ASTM D991
Shielding Effectiveness 20MHZ-10GHZ (E-Field)	>90	
Color	Tan or Dark Blue	-
Thermal Stability Range	-60°C - 220°C	-
Polymer Type	Fluorosilicone	
Filler Type	Silver Plated Aluminum (Ag/Al)	

FEATURES AND BENEFITS

- Suited for mass production and easy assembly
- Cost effective

APPLICATIONS

- Provides good attenuation and durable sealing properties.
- Residential, industrial, and commercial EMI gasket applications

TYPICAL PROPERTIES

- Color: Tan or Dark Blue
- Thermal Stability Range: -60°C - 220°C
- Shore A (63-77 range): 70
- Tensile psi (180 minimum): 330
- Elongation % (60-260): 245%
- Volume Resistivity ohm/cm (0.012 max): 0.005

CUSTOMERS ALSO SEARCHED:

- | | |
|-----------------------|--------------------------------|
| form in place gasket | paste gasket |
| liquid gaskets | emi gasket |
| liquid gasket | conductive silicone gasket |
| form in place | conductive silicone |
| conductive material | emi silicone |
| form in place gaskets | emi shielding gasket |
| dispensed gaskets | formed gasket |
| dispensed gasket | electrically conductive gasket |
| form-in-place | silver silicone |
| dispensed gasket | nickel graphite silicone |
| conductive gasket | |
| liquid gasket | |

MODUS ADVANCED TAKES YOU FROM IDEA TO IGNITION



IDEA



ENGINEERING



SOLUTION



IGNITION



PICK A MATERIAL

LET MODUS CUT IT OR MOLD IT

We are Modus! With multiple locations in North America and China, Modus Advanced, Inc. is a diversified custom manufacturer that 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.

This information is based on data believed to be reliable, but Modus makes no warranties, expressed or implied, as to its accuracy and assumes no liability arising out of its use. The data listed falls within the normal range of product properties, but should not be used to establish specification limits or used alone as the basis of design. Modus' liability to purchasers is expressly limited to the terms and conditions of sales listed on our website.