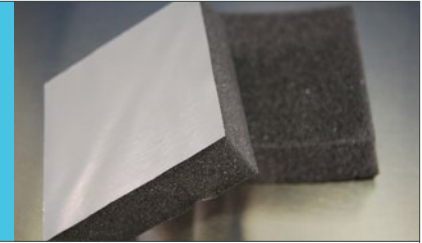


WESCOUSTIC™ ACOUSTICAL FOAM ALUMINIZED POLYESTER FACED FOAM

PART #: SP250-0916 THICKNESS: 1"



Modus Advanced, Inc.'s WesCoustic™ Aluminized Polyester Faced Acoustical Foam provides enhanced low frequency absorption characteristics, but is specifically designed for use in environments hostile to unprotected foam. Our flexible polyurethane open cell foams are manufactured to optimize pore size, air flow resistance and density. These polyester films, plain and reinforced, offer abrasion resistance and are unaffected by moisture, lubricants, fuels, dirt and a variety of solvents. The film is easily wiped clean and seams may be taped for a finished appearance. Modus™ custom fabricates this material to customer specifications.

Property	SP250-0916 WesCoustic™ Aluminized Polyester Faced Foam
Thickness	1"
Color	Aluminum
Temperature Range	-40° F to +225° F continous
Density	2lb/ft ³ (32 kg/m ³) +/-10% or 4lb/ft ³ (64 kg/m ³) +/-10% per ASTM D357486 test A
Tear Strength	1.5 ppi (2.6 N/cm) per ASTM D3574-86 test F
Tensile Strength	20 psi (135 kPa) per ASTM D3574-86-E
Elongation	120% per ASTM D3574-86 test E
Compression Set (50% Deflection)	Max 10% ASTM D3574-86 test D
Heat Resistance	Retention of tensile strength after 22 hours dry heat aging at 140°C min. 70% ASTM D3574-86 test K
Humidity Resistance	Retention of tensile strength after 6 hours, steam autoclave at 105°C min. 70% ASTM D3574-86 test J
Chemical Resistance	Good for common fluids, water, petroleum, solvents and alkalis. Swelling will occur; will return to almost 100% after drying
Flammability	MVSS 302, UL-94 HF1, and FAR 25.853(b)
Service Temperature	-40°F (-40°C) to +225°F (107°C) continuous to 275°F (135°C) intermittent
Thermal Conductivity	BTU-in/ft2h°F 0.25 (36mW/m²K) per ASTM C 177

FEATURES AND BENEFITS

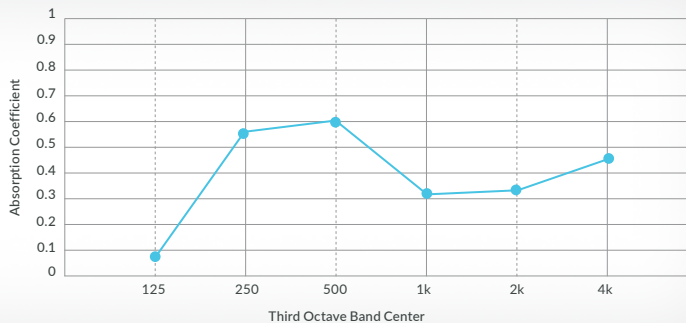
- Enhanced low frequency absorption characteristics
- Superior resistance to fluid ingress
- Optimal pore size, air flow resistance and density
- Absorption of sound energy
- Resistance to abrasion, moisture, dirt, fuels and a variety of solvents

APPLICATION

The primary method of application is utilizing a Pressure Sensitive Adhesive (PSA) backing and/or mechanical fasteners

ABSORPTION COEFFICIENT ASTM C423-90A

1" (25mm) [0.45]



CUSTOMERS ALSO SEARCHED:

- | | |
|------------------------|-----------------|
| Silicone sponge | Die cut seal |
| Silicone gaskets | Noise reduction |
| Silicone foam | Acoustical foam |
| Silicone gasket | Foam kit |
| Microcellular urethane | Water jet foam |
| Urethane foam gaskets | Cab insulation |
| Cellular urethane | Sound damping |
| Low outgassing | Sound absorbing |
| UL 94 HBF gasket | Soundproof foam |
| Die cut gasket | Melamine foam |
| | Barrier foam |
| | Acoustic foam |

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 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.

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