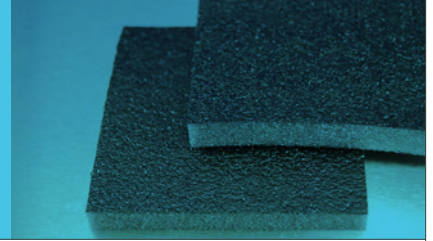


WESCOUSTIC™ ACOUSTICAL FOAM

URETHANE FILM FACED FOAM

PART #: SP250-1031 THICKNESS: 1"



Modus Advanced, Inc.'s WesCoustic™ Urethane Film Faced Foams are designed to provide maximum absorption of airborne sound with minimum thickness and weight. These flexible polyurethane open cell foams are manufactured to optimize pore size, air flow resistance and density. Our foams are durable as well as abrasion and puncture resistant. These urethane films are heat laminated to form a decorative, textured surface, and can be made impervious to most petroleum products, moisture and dirt. Using your design specifications, Modus™ will accurately cut this material to size.

Property	WesCoustic™ Urethane Film Faced Foam
Color	Black
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/ft ² h ² F 0.25 (36mW/m ² K) per ASTM C 177

FEATURES AND BENEFITS

- Absorption of sound energy
- Minimal thickness and weight
- Optimal pore size, air flow resistance and density
- Chemical, dirt and moisture resistance
- Abrasion and puncture resistance

BARRIER / ADHESIVE

- Barrier Material - No
- Pressure Sensitive Adhesive (PSA) - No

APPLICATION

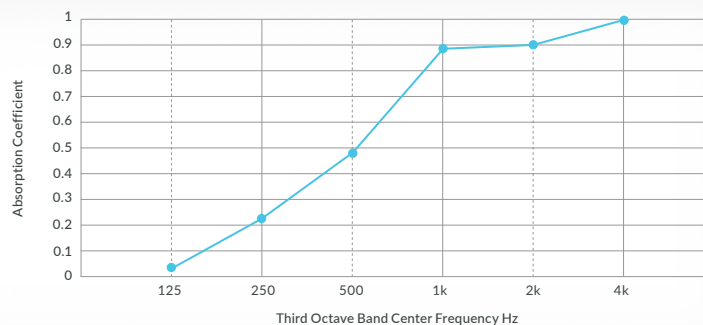
The primary method of application is utilizing a Pressure Sensitive Adhesive (PSA) backing and/or mechanical fasteners

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

ABSORPTION COEFFICIENT ASTM C423-90A

1" (25mm) [0.62]



Our Urethane Film Faced Foams are available with a barrier when both absorption and transmission loss is needed.

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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