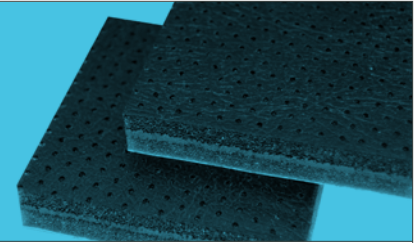


# WESCOUSTIC™ ACOUSTICAL FOAM PERFORATED VINYL FACED FOAM

PART #: SP250-0595 THICKNESS: 1"



Modus Advanced, Inc.'s WesCoustic™ Perforated Vinyl Faced Foams combine the absorption properties of acoustical foam with the toughness and durability of vinyl. Our flexible polyurethane open cell foams are manufactured to optimize pore size, air flow resistance and density. The perforation pattern has been engineered to provide maximum absorption and resilience. The attractive leather-like appearance makes it ideal for cab interiors, and enclosures. This material can be fabricated to customer specifications. This foam meets MVSS 302 for flammability.

Property	SP250-0595 WesCoustic™ Perforated Vinyl Faced Foam
Thickness	1"
Color	Black
Temperature Range	-40° F to +225° F continuous
Density	2lb/ft <sup>3</sup> (32 kg/m <sup>3</sup> ) +/-10% or 4lb/ft <sup>3</sup> (64 kg/m <sup>3</sup> ) +/-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 <sup>2</sup> h°F 0.25 (36mW/m <sup>2</sup> K) per ASTM C 177

## FEATURES AND BENEFITS

- Durable perforated vinyl face
- Maximum absorption and resilience
- Optimal pore size, air flow resistance and density

## BARRIER / ADHESIVE

- Barrier Material - Yes
- Pressure Sensitive Adhesive (PSA) - Yes

## APPLICATION

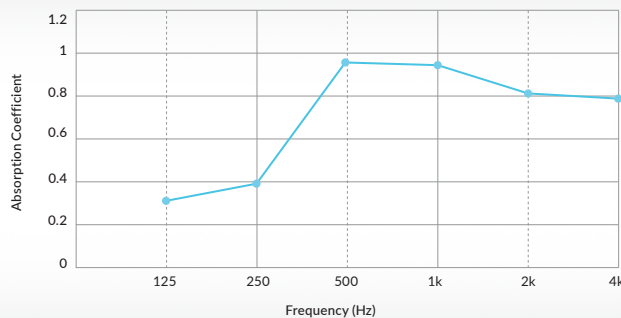
The primary method of application is utilizing a Pressure Sensitive Adhesive (PSA) backing and/or mechanical fasteners

## 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 C384

1" (25mm) [0.76]



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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