



ACOUSTIC PRODUCTS DIVISION

VIBRA BLOCK™

DESCRIPTION

VIBRA BLOCK™ is a low-profile, high-performance damping / vibration isolation material designed to control structural vibration. VIBRA BLOCK™ is a flexible, high-density polymer based product that can be utilized in a wide variety of applications. VIBRA BLOCK™ comes with an industrial - grade pressure sensitive adhesive (PSA) backing for easy installation.

APPLICATIONS

VIBRA BLOCK™ provides excellent vibration-based noise reduction for sheet metal enclosures common to H.V.A.C., blower / fan assemblies, generators, compressors, grinders / granulators housings and motor covers. VIBRA BLOCK™ is also effective for isolating structure borne vibrations from one surface to another. VIBRA BLOCK™ offers peak performance in environments with temperatures ranging from 0 – 160 F with maximum intermittent temperature range of 225 F. American Micro Industries, Inc. can provide VIBRA BLOCK™ in sheet or die-cut sizes.

PRODUCT AVAILABILITY:

- 4 ft. x 4½ ft. sheet (Part#: VI04048X54PSA)
- 6 in. X 48 in. strips (Part#: VI0406X48PSA)
- Contact us at 800.558.2058 for custom sizes, die cutting and other fabrication services.

TECHNICAL DATA:

SYSTEM LOSS FACTOR at 1000 Hz

Temperature	32° F	50° F	68° F	86° F
0.04 in. Thick	0.064	0.105	0.143	0.110

* The material was mounted on a 62 mil. Aluminum panel. (ASTM E756-93)

CHARACTERISTICS

Physical Property	Value	Test Standard
Color	Olive	n/a
Thickness	0.040 in.	n/a
Density Nominal	105 pcf	ASTM D792
Tensile Strength	1276 psi	ASTM D638
Tear Strength	292 lbf/in.	ASTM D1004-93
Elongation	14%	ASTM D638
Temperature Range Peak performance Maximum Intermittent	0 to 160°F (peak) 225°F	n/a
Flammability	Meets	UL 94 V-O FAR 25.853(A) App. F Part 1 (a)(1)(ii)(12sec) FMVSS-302 CSA 0.6 V-O

The information contained herein is typical and based upon the results of controlled laboratory tests. The information is accurate to the best of American Micro Industries, Inc.'s knowledge. Product performance may vary based on the particular application and installation techniques utilized.

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