

American Micro Industries, Inc.

PRODUCT DATA SHEET: ECONO BARRIER™

DESCRIPTION:

ECONO BARRIER™ is a flexible, high density material with a smooth surface designed to reduce noise transmission between two spaces. ECONO BARRIER™ is available with a pressure sensitive adhesive (PSA) for an easy 'peel and stick' application.

APPLICATIONS:

ECONO BARRIER™ is an economical approach to reduce the transmission of noise through walls, ceilings, and floors. This product can be applied directly to the backside of drywall or attached to the studs/joists prior to the application of drywall. Because ECONO BARRIER™ is not UV resistant, it should be shielded from exposure to sunlight. Applications include, but are not limited to; common walls, ceilings and floors between condo units, walls between office spaces and manufacturing areas, multi media rooms, industrial facilities, and machine enclosures (i.e. compressors, pumps, air conditioning units, etc.).

PRODUCT AVAILABILITY:

- 4 x 8 ft. sheets (Part #: MLVB14X8)
- 4 x 8 ft. sheets with PSA (Part #: MLVB14X8PSA)
- 4.5 x 20 ft. roll (Part #: MLVB120)
- 4.5 x 30 ft. roll (Part #: MLVB130)

TECHNICAL DATA:

PROPERTIES

Physical Property	Value	Test Standard
Color	Black	n/a
Thickness	Approx. 0.125" (1/8)	n/a
Surface Mass	1.0 lbs/ft ²	n/a
Density	96 lbs/ft ³	n/a
Elongation	120%	ASTM D-412
Tensile Strength	407 PSI	ASTM D-412
Tear Strength	77 lbs/ 1"	ASTM D-624
Temperature Range	-40°F to 255°F	n/a
Hardness	90 Durometer, Shore A2	ASTM D-2240
Specific Gravity	1.80	ASTM D-798
Stiffness	19.60 mega pascal	ASTM 749
Flammability	Meets	UL 94 HF-1
	Meets	MVSS 302

SOUND TRANSMISSION LOSS

Freq. Hz	125	250	500	1000	2000	4000	STC
(dB)	14	14	23	29	34	37	27

American Micro Industries, Inc.

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ECONO BARRIER™

ADHESIVE (PSA)

Physical Property	Value	Test Standard
Material	Acrylic	n/a
Thickness	0.003"	n/a

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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