

## AUDIOSEAL<sup>®</sup> MLV SOUNDPROOFING BARRIER TECHNICAL DATA SHEET



### DESCRIPTION

AudioSeal<sup>®</sup> MLV Soundproofing Barrier is an environmentally safe mass loaded vinyl. It is very dense, weighing one to two pounds per square foot, and used to reduce the amount of airborne sound transmitting through walls, floors, and ceilings. It can be added to various construction assemblies to increase the STC (Sound Transmission Loss) of the structure. This product is non-reinforced for wall and ceiling installations. AudioSeal<sup>®</sup> is tear-resistant, yet easy to cut with a utility knife. Usually installed direct to studs, it may also be installed between layers of drywall.

### TECHNICAL CHARACTERISTICS

<b>COLOR:</b>	Black
<b>ROLL WIDTHS:</b>	48", 54"
<b>ROLL LENGTHS:</b>	Various up to 30'
<b>THICKNESS:</b>	1/16" (0.6 lb. / sq. ft.) 1/8" (1 lb. / sq. ft.) 1/4" (2 lb. / sq. ft.)
<b>WEIGHT:</b>	0.6 lb. / sq. ft. (1/16") 1 lb. / sq. ft. (1/8") 2 lb. / sq. ft. (1/4")
<b>TEAR STRENGTH:</b>	70 PSI
<b>WORKING TEMP.:</b>	32° F to 150° F
<b>ULTIMATE ELONGATION:</b>	110%
<b>STC:</b>	22, 26, 32

### FEATURES

- Manufactured in the United States from U.S.-sourced materials
- Made from POE (polyolefin elastomer) — does not contain plasticizers or unsafe chemicals
- Does not harden over time or pose a health risk if burned
- 100% recyclable and qualifies for LEED credits
- Well suited for both commercial and residential use
- UL-approved for U300, U400, & V400 wall constructions
- Acts as an air and moisture barrier to resist mold and mildew,
- Can also be used to wrap heat ducts and plumbing pipes to reduce noise

### SOUND TRANSMISSION LOSS (DECIBELS)

Weight	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
0.6 lb.	9	14	17	23	28	32	22
1 lb.	14	16	21	27	29	47	26
2 lb.	16	22	26	32	35	40	32

