



Features

- up to 31 STC
- Safe, non-toxic materials
- Density 1/2 pound up to 2 pounds per square foot
- Standard non-reinforced

Applications

- Walls
- Ceilings
- Floors
- Enclosures

Description

MLV Barrier adds mass to a wall, ceiling, or floor assembly to reduce airborne noise transmission. MLV Barrier in a one pound per square foot density, MLV 1#, offers industry leading performance with a rating of up to 26 STC. It is a cost-effective soundproofing material.

MLV Barrier Plus, MLV 2#, is a two pound per square foot mass loaded vinyl with the highest soundproofing rating of 31 STC.

Options

- Reinforced MLV
- Adhesive backing
- Foil one side, Class A, per ASTM E-84

MLV Roll Sizes

- 1/2# 4' x 50'
- 1# 4' x 25' and 4.5' x 30'
- 1.5# 4' x 25'
- 2# 4' x 25'

Performance

	Acoustic Transmission Loss (dB)							
	Frequency (Hz)	125	250	500	1000	2000	4000	STC
Standard MLV 1/2#		8	13	17	22	27	31	20
Standard MLV 1#		16	17	22	27	31	36	26
Standard MLV 1.5#		17	19	25	31	36	44	29
Standard MLV 2#		16	22	26	32	35	40	31

Physical Properties	Weight (PSF)	Thickness (nominal)	Tensile Strength	Shore A Durometer	Max Elongation	Tear Strength	Burn Tests
Standard MLV	0.5 to 2.0	1/16 to 1/4	400 PSI	80 +/- 5	200%	70 lbs	Self Extinguishing
Test Method	ASTM D412		ASTM D412	ASTM D2240	ASTM D412	ASTM D412	Meets FMVSS302, UL 94HB

Operating Temperature: -40°F to 180°F