



Features

- up to 32 STC
- High Tear and Tensile Strength
- Safe, non-toxic materials
- Available in 1 or 2 pound density
- Standard or reinforced

Applications

- Walls
- Ceilings
- Floors
- Enclosures

Options

- Reinforced MLV
- Adhesive backing
- Open Cell foam composite
- Closed Cell foam composite

Description

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

SoundAway Barrier Plus is a two pound per square foot mass loaded vinyl with the highest soundproofing rating of 32 STC. Upper frequency noise reduction exceeds 40 dB, as shown in the table below.

SoundAway Barrier MLV 1# also available with a cloth reinforced facing.

SoundAway Barrier is available in rolls measuring 4' x 25' and 4.5' x 30'. SoundAway Barrier Plus (MLV 2#) is available in rolls measuring 4.5' x 15'.

Acoustic Carpet Underlay is a premium quality 1 pound MLV barrier bonded to 1/4" closed cell foam.

Performance

Acoustic Transmission Loss (dB)

	Frequency (Hz)	125	250	500	1000	2000	4000	STC
Non-reinforced MLV 1#		16	17	21	26	31	36	26
Non-reinforced MLV 2#		19	19	27	34	38	43	32
Reinforced MLV 1#		17	18	22	27	33	37	27
Carpet Underlay 1# MLV, 1/4" Closed Cell Foam		13	15	23	25	33	38	27

Physical Properties Non-reinforced Barriers

	Weight (PSF)	Thickness (nominal)	Tensile Strength	Shore A Durometer	Elongation	Tear Strength	Burn Tests
Non-Reinforced	1.0	3mm/0.12 in	600 PSI	80 +/- 5	125%	72 lbs	Self Extinguishing
Reinforced	1.0	3mm/0.12 in	900 PSI	85 +/- 5	55%	100 lbs	Self Extinguishing
Test Method	ASTM D412		ASTM D412	ASTM D2240	ASTM D412	ASTM D412	Meets FMVSS302, UL 94HB

Operating Temperature: -40°F to 225°F