



soundsulate™ MLV

Mass Loaded Vinyl

Soundsulate™ Mass Loaded Vinyl is a flexible sound barrier that offers exceptional sound noise reduction by blocking the passage of sound waves and reducing the transmission of airborne noise. MLV is typically attached to joists or studs, followed by covering seams and joints with acoustic caulking or barrier tape. It can also be used to wrap plastic plumbing pipes, steel columns, metal ducts and just about anything else to minimize noise transmission. MLV is perfect to block out everyday noises, from traffic, trains, neighbors, work spaces, condos, loud television's, music and much more. It is the cost-effective solution to a wide variety of sound issues. As a DIY soundproofing material, MLV is one of the best soundproofing options available today. Flexible and easy to cut, Soundsulate™ MLV is non-toxic and is available in various thicknesses and lengths.

Typical Physical Properties

Weight	1 lb./sq. ft.
Tensile Strength	300 psi
Tear Strength	75 psi
Thickness	.100 in
Ultimate Elongation	110%
Flammability	SE (Self extinguishing)
Temperature Range	-40°F to 180°F
Cold Crack	100% p

Acoustical Properties

Soundsulate® type Noise Barrier provides the following noise reduction.

Noise transmission loss (dB)/Frequency (Hz)

Hz	125	250	500	1000	2000	4000	STC
dB by density:							
VN-050	10	13	17	21	26	31	21
VN-100	14	16	21	27	29	47	26
VN-150	17	19	25	31	36	44	29
VN-200	16	22	26	32	35	40	31



STANDARD ROLL SIZE BY DENSITY:

Soundsulate™	Density	Roll Size
50	(½ lb./sq. ft.)	48" x 50'
100	(1 lb./sq. ft.)	48" x 25'
100	(1 lb./sq. ft.)	48" x 50'
100	(1 lb./sq. ft.)	54" x 30'
100	(1 lb./sq. ft.)	54" x 60'
150	(1½ lb./sq. ft.)	48" x 25'
200	(2 lb./sq. ft.)	48" x 25'

BULK ROLL SIZES AVAILABLE

50	(½ lb./sq. ft.)	48" x 505'
100	(1 lb./sq. ft.)	48" x 255'
100	(1 lb./sq. ft.)	54" x 245'
150	(1½ lb./sq. ft.)	48" x 130'
200	(2 lb./sq. ft.)	48" x 130'

- The reduction of airborne noise exhibited by Soundsulate™ MLV are attained without the use of hazardous lead or heavy metals.
- Soundsulate® is 100% recyclable at end of life
- LEED credits are available with the use of Soundsulate®
- UL approved for U300, U400, & V400 wall constructions