



# Acoustical Surfaces, Inc.

**SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS**

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**We Identify and S.T.O.P. Your Noise Problems**

## Spec Data Sheet

## MLVB1-Re SERIES FLEXIBLE NOISE BARRIERS

### MLVB1-Re Noise Barrier

MLVB1-Re is a flexible **reinforced** loaded vinyl noise barrier featuring an internal reinforcement to offer maximum tear strength and durability. MLVB1-Re Panels can be used where a noise barrier wall is required. It is also commonly used in conjunction with Quilted Fiberglass Absorbers to form BBC style acoustical curtain composites.

MLVB1-Re is also available in a USDA approved grade.

- Rolls are available 54" wide up to 60' long
- Curtain Panels available with grommets and Velcro
- Limp, flexible, formable, versatile
- High tear and tensile strength, Extremely durable



### Applications:

**Typically used where a rugged, tear resistant noise barrier is required.** Also used as a barrier back material in BBC style Acoustical Curtain Panels in an Acoustical Curtain Enclosure, acoustical jacket or wrap, and to serve as an accordion fold acoustical door. Suitable for outdoor use. Available in gray, tan, blue or olive.

### Product Data:

<b>Description</b>	one pound per square foot reinforced loaded vinyl barrier
<b>Nominal thickness</b>	0.107 inches
<b>Standard width</b>	54" wide
<b>Roll length</b>	60' long
<b>Weight</b>	1.0 lb psf
<b>Tensile (PSI)</b>	900 lb/ in <sup>2</sup>
<b>Tear (pound force)</b>	70 lb/ in.
<b>Service Temperature</b>	-20° F to +180°

### Acoustical Performance:

#### Sound Transmission Loss

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
MLVB1-Re	13	17	22	26	32	37	26

Per ASTM E-90 & E 413