



# Foil Faced Mass Loaded Vinyl Sound Barrier

MetroFlex Foil Faced Mass Loaded Vinyl Sound Barrier is a flexible high temperature fused vinyl that resists the passage of sound waves and reduces the transmission of airborne noise. The foil faced product is laminated on one side with a mylar foil facing that is reinforced with scrim. MetroFlex FF MLV is an extremely dense product that is only 1/8" thick while weighing 1 lb. per square foot.

MetroFlex FF Mass Loaded Vinyl Sound Barrier will not shrink, rot, or cause metal corrosion, and also features a strong resistance to adverse environmental conditions, oils, weak acids, and alkalis. MetroFlex FF MLV is used primarily on soundproofing HVAC ducts, piping, machinery, and exhausts. FF MLV is ideal for direct application to the noise source and/or to the housing covering the noise source.



**MetroFlex Foil Faced Mass Loaded Vinyl**

### Standard Roll Size:

MF-10F (1 lb./sq.ft.) - 48" x 50'

### Acoustical Properties\*

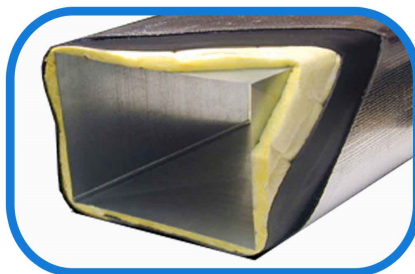
MetroFlex Sound Barrier provides the following noise reduction.

#### Noise transmission loss (dB)/Frequency (Hz)

Hz	125	250	500	1000	2000	4000	STC
MF-10F	16	17	22	27	31	36	26

### Typical Physical Properties for MF-10F:

Weight	1 lb./sq. ft.
Tensile Strength	2,750 KPa (400 psi)
Tear Strength	12.5 Kg/cm (70 lbs./in.)
Thickness	.100"
Ultimate Elongation	200%
Flammability	SE "O" in/min.
Temperature Range	-40°F to 180°F
Fire Rating	Class A per ASTM E-84



A HVAC duct soundproofed with MetroFlex Foil Faced Mass Loaded Vinyl with optional Fiberglass Decoupler



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**- The Mass of a Partition is the Major Factor in it's Ability to Block Sound -**