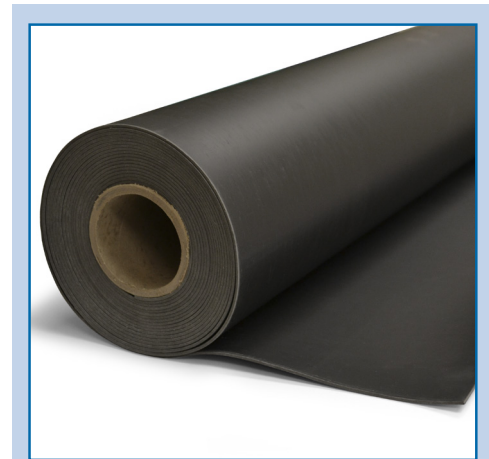


DATA SHEET

Our Noise Barrier is a flexible, non-reinforced mass loaded vinyl that resists the passage of sound waves and reduces the transmission of airborne noise. The Noise Barrier is ideal for direct application to the noise source and/or to the housing covering the noise source.

Our Noise Barrier won't shrink, rot or cause metal corrosion and also features a strong resistance to adverse environmental conditions, oils, weak acids and alkalis. The Noise Barrier can be combined with acoustical foams, mineral wool, glass fiber and ceramic fiber insulation to provide lightweight, efficient composites with high transmission losses over a broad frequency range.



Typical Physical Properties			
	1 lb	2 lb	Test Standard
Basis Weight	16 oz./sq. ft.	2 lb./sq. ft.	
Tensile Strength	300 psi	275 psi	ASTM D-412
Tear Strength	75 psi	75 psi	ASTM D-624
Thickness	.100 in	.200 in	
Elongation	110%	110%	ASTM D-412
Flammability	SE (Self extinguishing)	SE (Self extinguishing)	FMVSS 302
Shrinkage	1%	1%	
Cold Crack	100% p	50% p	

Other Characteristics

Service Temp	Approximately 0°F to 200°F	Approximately 0°F to 200°F
Storage	Preferably keep clean and dry	Preferably keep clean and dry
Reduction of sound transmission	(STC 27 / Def. 30 / OITC 23)	(STC 32 / Def. 28 / OITC 28)
Application & handling conditions	Application temperature approximately 32°F to 150°F	Application temperature approximately 32°F to 150°F

Acoustical Properties

Noise Barrier provides the following noise reduction.

Noise transmission loss (dB)/Frequency (Hz)

Hz	125	250	500	1000	2000	4000	STC
dB by density:							
NB-050	8	13	17	22	27	31	20
NB-100	16	17	22	27	31	36	26
NB-150	17	19	25	31	36	44	29
NB-200	19	23	27	32	37	42	32

STANDARD ROLL SIZE BY DENSITY:

Part #	Density	Roll Size
	(1/2 lb./sq. ft.)	48" x 50'
NB-100	(1 lb./sq. ft.)	48" x 25'
NB-100	(1 lb./sq. ft.)	48" x 50'
NB-100	(1 lb./sq. ft.)	54" x 30'
NB-100	(1 lb./sq. ft.)	54" x 60'
NB-150	(1½ lb./sq. ft.)	48" x 25'
NB-200	(2 lb./sq. ft.)	48" x 25'

BULK ROLL SIZES AVAILABLE

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

In addition, the reduction of airborne noise and mass properties exhibited by the Noise Barrier are attained without the use of hazardous lead or heavy metals.

* Custom roll lengths available upon request.