



(800)874-1748
 (440)914-1122
 Fax: (440)914-1133

6810 Cochran Road · Cleveland, Ohio 44139

www.gltproducts.com

VINAFLEX NOISE BARRIER

Sheets and Laminates with Foam Board Facing (FB)

Vinaflex Noise Barrier (FB)

Great Lakes Textiles' Vinaflex (FB) Noise Barrier is a flexible, non-reinforced mass loaded vinyl combined with a ¼" open-cell urethane foam. The open cell design of the foam readily accepts and dissipates sound waves, assuring maximum acoustical absorption. This foam facing also acts as a decoupler, breaking and separating vibrations between the two materials.

Vinaflex (FB) Noise Barrier won't shrink, rot or cause metal corrosion and also features a strong resistance to adverse environmental conditions.

Vinaflex (FB) Noise Barrier provides the following, when applied directly to solid objects:

- 1) sound vibration isolation of the barrier (sound/vibration decoupler);
- 2) easier gluing/adhering.

Vinaflex (FB) Noise Barrier is offered in the following sizes:

Standard Roll Size by Density

FB-050	(1/2 lb/sq.ft.)	54" x 120'
FB-100	(1 lb/sq.ft.)	54" x 60'
FB-150	(1-1/2 lb/sq.ft.)	54" x 45'

Acoustical Properties

Vinaflex (FB) Noise Barriers provides the following noise reduction.

Noise Transmission Loss (dB)	Frequency (Hz)						
HZ	125	250	500	1000	2000	4000	STC
dB							
FB-050	12	12	16	25	29	38	23
FB-100	15	19	23	30	39	44	28
FB-150	17	23	26	34	41	51	32

Typical Physical Properties for FB-100

Weight	1 lb/sq.ft.
Tensile Strength	2,750 KPa (400 psi)
Tear Strength	12.5 Kg/cm (70 lbs/in.)
Thickness	.033"
Ultimate Elongation	200%
Flammability	SE "O" in/min.
Temperature Range	- 40° F to 180° F