

Spec Data Sheet

**ABA-SERIES**  
NOISE BARRIERS/SOUND ABSORBER COMPOSITES

## **ABA-111 Noise Barrier/Sound Absorber Composite**

The barrier septum configuration offers the benefits of both sound absorption and noise barriers. IES-2000's **ABA-111** consists of a non-reinforced 1-lb psf loaded vinyl noise barrier sandwiched between two layers of vinyl-coated-fiberglass-cloth faced 1" quilted fiberglass sound absorbers.



- Curtain panels with grommets across the top and hook and loop fasteners along the vertical edges
- Rolls are available 4' wide x 25' long and can be supplied with edges bound or unbound
- Available colors: gray, white, black, or tan
- Class A (or 1) flammability rated per ASTM E84

### **Applications:**

Typical uses include curtain panels in acoustical curtain enclosures. Also used as separator walls or divider partitions between noise sources. Commonly used to line the perimeter walls of a building, or as a free-hanging noise barrier/sound absorber wall.

### **Product Data:**

<b>Description</b>	Vinyl coated fiberglass cloth faced 1" quilted fiberglass / 1lb-psf non-reinforced loaded vinyl barrier/ Vinyl coated fiberglass cloth faced 1" quilted fiberglass
<b>Flammability</b>	Class A: Flame Spread: 22.78 Smoke density: 30.56
<b>Nominal thickness</b>	2.00 inch
<b>Temperature range</b>	-20° to +180° F
<b>Standard width</b>	48" wide
<b>Roll length</b>	25' long
<b>Weight</b>	1.5 lb psf

### **Acoustical Performance:**

#### **Sound Transmission Loss**

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
ABA-111	12	16	27	40	44	43	29

ASTM E-90 & E 413

#### **Sound Absorption data**

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
ABA-111	.19	.99	.96	.80	.57	.33	.85

ASTM C 423

## INPLANT ENVIRO-SYSTEMS 2000, INC.

105 W. Lynn Street, PO Box 770, St Paris, Ohio 43072  
Phone: (877)248-8640· Fax :( 937)663-0678