

### **BA-11 Noise Barrier/Sound Absorber Composite**

IES - 2000's BA-11 offers the benefits of a noise barrier and a sound absorber. The BA-11 consists of a vinyl-coated-fiberglass-cloth facing on 1" quilted fiberglass that is bonded to a reinforced 1-lb psf loaded vinyl barrier. Curtain panels are constructed with grommets across the top and Velcro along the vertical edges. Rolls are available 54" wide x 25' long and can be supplied with edges bound or unbound (note: barrier is 54" wide, quilt is held 3" in from each vertical edge, and measures 48")



- Class A (or 1) flammability rated per ASTM E84
- Available facing colors: gray, white, black, or tan
- Available barrier colors: gray, tan, or blue

### **Applications:**

Typically used as curtain panels in acoustical curtain enclosures where abuse resistance or excellent durability is required. Frequently used as sliding doors on acoustical curtain enclosures. **Also, preferred for use in temporary outdoor applications such as construction sites.**

### **Product Data**

<b>Description</b>	Vinyl coated fiberglass cloth facing on 1" quilted fiberglass/ 1lb-psf reinforced loaded vinyl barrier
<b>Flammability</b>	Flame Spread: 23.0 Smoke density: 30.0
<b>Nominal thickness</b>	1.0 inch
<b>Temperature range</b>	-20° to +180° F
<b>Standard width</b>	54" wide
<b>Roll length</b>	25' long
<b>Weight</b>	1.3 lb psf

### **Acoustical Performance:**

#### **Sound Transmission Loss**

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
BA-11	11	16	24	30	35	35	27

ASTM E-90 & E 413

#### **Sound absorption Data**

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
BA-11	.12	.47	.85	.84	.64	.62	.70

ASTM C 423

## **INPLANT ENVIRO-SYSTEMS 2000, INC.**

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