



# NOISE BARRIERS

Spec Data Sheet

## BSC-SERIES

NOISE BARRIERS/SOUND ABSORBER COMPOSITES

### ***BSC-25-2LB Noise Barrier/Sound Absorber Composite***

The barrier septum configuration offers the benefits of both sound absorbers and noise barriers. A non-reinforced 2-lb psf loaded vinyl noise barrier is sandwiched between two layers of quilted fiberglass absorbers. Sound Curtain panels are constructed with grommets across the top and hook and loop fasteners along the vertical edges. Rolls are available 4' wide up to 25' long and with either bound or unbound edges.



- Class A Flammability Rated per ASTM E84
- STC rating 33; NRC rating 0.75
- Available colors: gray, white, black, or tan

### **Applications:**

Typical uses include sound curtain panels in acoustical curtain enclosures and 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>	1" vinyl faced quilted fiberglass / 2LB-psf non-reinforced loaded vinyl barrier / 1" vinyl faced quilted fiberglass
<b>Nominal thickness</b>	2 inches
<b>Temperature range</b>	-20° to +180° F
<b>Standard roll size</b>	48" x 25'
<b>Weight</b>	2.5 LB psf

### **Acoustical Properties:**

#### Sound Transmission Loss

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
BSC-25-2lb	19	22	28	40	56	61	33

ASTM E-90 & E 413

#### Sound Absorption Coefficients

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
BSC-25-2lb	.18	.62	.89	.84	.60	.45	.75

ASTM C 423