

# Sound Blankets

## AB12 Noise Barrier/Sound Absorber Composite

The barrier septum configuration offers the benefits of both sound absorption and noise barriers. All Noise Control's **NC-AB12** 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:

- 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)						
	125	250	500	1000	2000	4000	STC
ANC-AB12	12	16	27	40	44	43	29

ASTM E-90 & E 413

#### Sound Absorption data

Product	OCTAVE BAND FREQUENCIES (Hz)						
	125	250	500	1000	2000	4000	NRC
ANC-AB12	.19	.99	.96	.80	.57	.33	.85

ASTM C 423

# NC-AB13 (1lb 3”) Noise Barrier/Sound Absorber Composite

The barrier septum configuration offers the benefits of sound absorption and noise barriers. A non-reinforced 1-lb psf loaded vinyl barrier is sandwiched between 1” and a 2” layer of quilted fiberglass absorbers. 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 can be either bound or unbound.



- Class 1 or A per ASTM E84
- STC rating 32
- NRC rating 0.85
- Available colors: gray, white, black, or tan

## Applications:

Typical uses include curtain material in acoustical curtain enclosures. Also used as separator walls or divider partitions. Commonly used to line the perimeter walls of a building.

## Product Data

<b>Description</b>	2” vinyl faced quilted fiberglass/ 1LB-psf non-reinforced loaded vinyl barrier/ 1” vinyl faced quilted fiberglass
<b>Nominal thickness</b>	2.08”
<b>Temperature range</b>	-20° to +180° F
<b>Standard width</b>	48”
<b>Roll length</b>	25’
<b>Density</b>	1.75LB psf
<b>Flammability</b>	Class A: Flame Spread: 22.78 Smoke density: 30.56

PRODUCT	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
NC-AB13	13	20	29	40	50	55	32
PRODUCT	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
NC-AB13	.19	.99	.96	.80	.57	.33	.85

## NC-AB22 (2lb 2") Noise Barrier/Sound Absorber Composite

The barrier septum configuration offers the benefits of sound absorption and noise barriers. A non-reinforced 2-lb psf loaded vinyl barrier is sandwiched between two layers of quilted fiberglass absorbers. 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 can be either bound or unbound.



- Class 1 or A per ASTM E84
- STC rating 33
- NRC rating 0.85
- Available colors: gray, white, black, or tan

### Applications:

Typical uses include curtain material in acoustical curtain enclosures. Also used as separator walls or divider partitions. Commonly used to line the perimeter walls of a building.

### 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>	2.15"
<b>Temperature range</b>	-20° to +180° F
<b>Standard width</b>	48"
<b>Roll length</b>	25'
<b>Density</b>	2.5LB psf

Product	OCTAVE BAND FREQUENCIES (Hz)						
	125	250	500	1000	2000	4000	STC
NC-AB22	19	22	28	40	56	61	33

### ASTM E-90 & E 413

Product	OCTAVE BAND FREQUENCIES (Hz)						
	125	250	500	1000	2000	4000	NRC
NC-AB22	.19	.99	.96	.80	.57	.33	.85

### ASTM C 423

# NC- AB23 (2#, 3”) Noise Barrier/Sound Absorber Composite

The barrier septum configuration offers the benefits of both sound absorption and noise barriers. A 2 lb psf loaded vinyl barrier is sandwiched between one 1” and one 2” layer of quilted fiberglass absorbers. 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 can be either bound or unbound.

- Class 1 or A per ASTM E 84
- STC rating 33
- NRC rating 0.85
- Available colors: gray, white, black, or tan

### Applications.

Typical uses include curtain material in acoustical curtain enclosures. Also used as separator walls or divider partitions. Commonly used to line the perimeter walls of a building to significantly increase the transmission loss ability of the wall as well as to add sound absorption inside the room.

### Product Data.

**Description** 2” vinyl faced quilted fiberglass/ 2 LB-psf non-reinforced loaded vinyl barrier/ 1” vinyl faced quilted fiberglass

<b>Nominal thickness</b>	3 ”
<b>Temperature range</b>	-20° to +180° F
<b>Standard width</b>	48”
<b>Roll length</b>	25’
<b>Density</b>	2.75 LB psf

### Acoustical Performance.

Sound Transmission Loss per ASTM E-90

	OCTAVE BAND FREQUENCIES (Hz)						
PRODUCT	125	250	500	1000	2000	4000	STC
NC-AB23	19	22	28	40	56	61	33

Sound Absorption Coefficients Per ASTM C 423

	OCTAVE BAND FREQUENCIES (Hz)						
PRODUCT	125	250	500	1000	2000	4000	NRC
NC-AB23	.19	.99	.96	.80	.57	.33	.85