



Model SCB (Sail Cloth Baffle)

Model SCB Sail Cloth Baffles provide an excellent means of allowing large quantities of acoustically absorptive material to be uniformly distributed throughout an area.

Since the materials used in constructing most schools, offices, and gymnasiums are very hard, reverberant noise can seriously aggravate an already noisy environment. *Reverberant Noise* is sound energy radiating from a source (ie. peoples' voices) which impacts on surrounding hard surfaces, amplifies and then is reflected back toward the source. In these situations, Model SCB suspended baffles can effectively reduce ambient noise levels by up to 10 dB.



Benefits:

- ◆ **NRC** - Up to 0.64.
- ◆ **Excellent Performance** - up to 10 dB reduction of reverberant noise energy.
- ◆ **Maintenance Free** - hang and forget.
- ◆ **Moisture Resistant** - will not absorb moisture.
- ◆ **Environment Safe** - Lead and asbestos free.
- ◆ **Facings** - Ripstop nylon (other facings optional).
- ◆ **Custom Styles & Colors** - for any application.
- ◆ **Permanent** - Will not rot, decay, shrink, or degrade.
- ◆ **Easy Installation** - using standard "S" hooks, wire or cable ties.
- ◆ **Fire Retardant**

Applications:

- ◆ *Schools & Day Care Centers*
- ◆ *Indoor Swimming Pools*
- ◆ *Gymnasiums/Auditoriums*
- ◆ *Additional Absorption to Model QCC Curtain Systems*
- ◆ *Locations Where Treatment of Excessive Reverberant Noise is Required*

NSTI designs custom noise control solutions for your specific applications.



Noise Suppression Technologies, Inc.
Model SCB- Performance Data

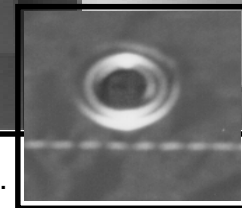


Specifications:

Model SCB's core shall be 1.07 PCF density with a nominal thickness of 1.5". The fiberglass shall be rated at NRC 0.64 for 1.5" thickness.

Model SCB's core shall be encapsulated in a Ripstop nylon in the specified colors.

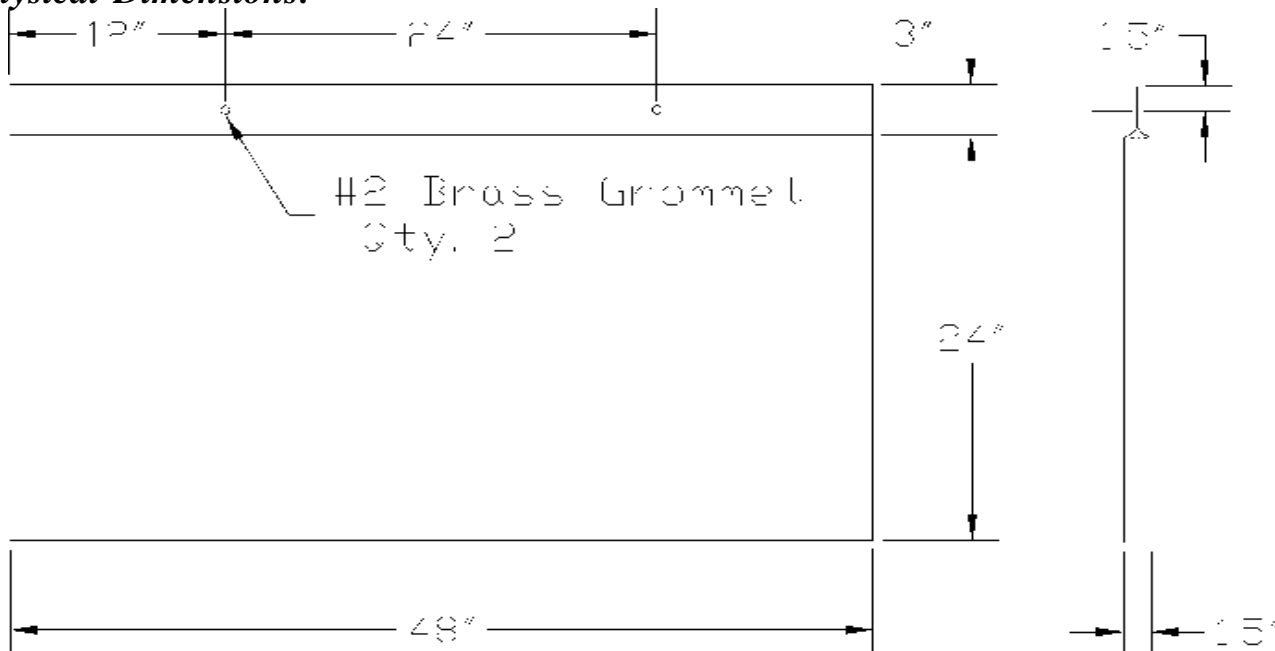
Stitched grommet strip fully encapsulates fiberglass core.



Sound Data:

Frequency(Hz)	125	250	500	1000	2000	4000	NRC
Absorption Coefficient	0.13	0.36	0.68	0.82	0.68	0.43	0.64
Sabins per Baffle	2.3	6.3	11.9	14.4	11.9	7.5	11.2

Physical Dimensions:



NSTI believes the information contained herein to be accurate as of the publication date. Actual product performance may vary based on specific application conditions.

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SCB
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