

Spec Data Sheet

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

## ***ABA-121 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) |     |     |      |      |      | STC |
|---------|------------------------------|-----|-----|------|------|------|-----|
|         | 125                          | 250 | 500 | 1000 | 2000 | 4000 |     |
| ABA-121 | 19                           | 22  | 28  | 40   | 56   | 61   | 33  |

ASTM E-90 & E 413

| Product | OCTAVE BAND FREQUENCIES (Hz) |     |     |      |      |      | NRC |
|---------|------------------------------|-----|-----|------|------|------|-----|
|         | 125                          | 250 | 500 | 1000 | 2000 | 4000 |     |
| ABA-121 | .19                          | .99 | .96 | .80  | .57  | .33  | .85 |

ASTM C 423

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