

Spec Data Sheet

**NBA-CP-SERIES**

NOISE BARRIERS/SOUND ABSORBER COMPOSITES

**2" Noise Barrier/Absorber Curtain Panels**

Our 2" NBA-CP offers the benefits of both a noise barrier and a sound absorber in one composite product. The 2" NBA-CP consists of a two-inch thick vinyl-coated-fiberglass-cloth faced quilted fiberglass that is bonded to a one-pound per sq. ft. reinforced loaded vinyl barrier. Curtain panels are constructed with grommets across the top and Velcro seals 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 48" wide and is held 3" in from each vertical edge.)



- Class A (or 1) flammability rated per ASTM E- 84
- Available facing colors on quilt: gray, tan, black or off-white
- Available barrier colors: gray, tan, blue or olive drab

**Applications:**

Typically used as modular curtain panels in acoustical curtain enclosures where abuse resistance or excellent durability as well as maximum noise reduction is required. Also used as sliding acoustical doors, durable acoustical jacket on fans or as a temporary noise barrier on outdoor construction projects.

**Product Data:**

<b>Description</b>	Vinyl coated fiberglass cloth facing on 2" quilted fiberglass/ 1 lb-psf reinforced loaded vinyl barrier
<b>Flammability</b>	Flame Spread: 23.0 Smoke density: 30.0
<b>Nominal thickness</b>	2.0 inches
<b>Temperature range</b>	-20° to +180° F
<b>Standard Roll size</b>	54" wide x 25' long
<b>Weight</b>	1.43 lb psf

**Acoustical Performance:**

Product	Sound Transmission Loss						
	OCTAVE BAND FREQUENCIES (Hz)						
125	250	500	1000	2000	4000	STC	
NBA-CP-2"	13	20	29	40	50	55	32

ASTM E-90 &amp; E 413

Product	Sound Absorption Data						
	OCTAVE BAND FREQUENCIES (Hz)						
125	250	500	1000	2000	4000	NRC	
NBA-CP-2"	.07	.27	.96	1.13	1.08	.99	.85

ASTM C 423