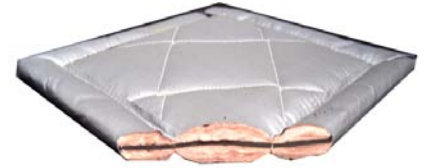


Spec Data Sheet

BSC-SERIES
NOISE BARRIERS/SOUND ABSORBER
COMPOSITES

BSC-26 Noise Barrier/Sound Absorber Composite

The barrier septum configuration offers the benefits of both sound absorption and noise barriers. The BSC-26 consists of a non-reinforced 1-lb psf loaded vinyl barrier sandwiched between two 1" thick absorbers faced with a silicone-coated-fiberglass-cloth. Curtain panels are constructed with grommets across the top and Velcro along the vertical edges. Rolls are available 4' wide x 25' long and can be supplied with edges bound or unbound.



- Class A (or 1) Flammability rated per ASTM E 84
- STC rating 29, NRC .75
- Available colors: gray

Applications:

Typical uses include curtain panels in acoustical curtain enclosures. Commonly used to line the perimeter walls of a building. Also used as separator walls or divider partitions. Silicone faced composites are used where the product will be subjected to high temperature, sunlight, water or oil. Also used when maximum flammability resistance and low smoke emissions are required.

Product Data:

Description	Silicone coated fiberglass cloth facing on 1" quilted fiberglass / 1lb-psf non-reinforced loaded vinyl barrier/ Silicone coated fiberglass cloth facing on 1" quilted fiberglass
Flammability	Flame Spread: 4.017 Smoke density: 19.209
Nominal thickness	2 inches
Temperature range	-90° to +450° F
Standard Roll size	48" wide x 25' long
Weight	1.42 lbs. psf

Acoustical Performance:

Sound Transmission Loss

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
BSC-26	12	16	27	40	44	43	29

ASTM E-90 & E 413

Sound Absorption Data

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
BSC-26	.45	.96	.87	.66	.47	.30	.75

ASTM C 423

