

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 E84
- Available colors: gray
- STC rating 29

Applications:

Typical uses include curtain panels in acoustical curtain enclosures. Also used as separator walls or divider partitions. Commonly used to line the perimeter walls of a building. Silicone faced composites are used where the product will be subjected to high temperature, sunlight, water or oil. Also used where UV resistance is 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	2.08 inch
Temperature range	-90° to +550° F
Standard width	48" wide
Roll length	25' long
Weight	1.5 lb 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	.19	.99	.96	.80	.57	.33	.85

ASTM C 423