

BSC-26-R Noise Barrier/Sound Absorber Composite

The barrier septum configuration offers the benefits of both sound absorption and noise barriers. The BSC-26-R product consists of a reinforced 1-lb psf loaded vinyl noise barrier sandwiched between two 1" thick absorbers quilted with a silicone-coated-fiberglass-cloth facing. Curtain panels are constructed with grommets across the top and bottom, and exterior grade Velcro along the vertical edges. Rolls are available 54" 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.

Product Data

Description	Silicone coated fiberglass cloth facing on 1" quilted fiberglass / 1lb-psf reinforced loaded vinyl barrier/ Silicone coated fiberglass cloth facing on 1" quilted fiberglass
Flammability	Flame Spread: 4.017 Smoke density: 19.209
Nominal thickness	2.0 inches
Temperature range	-60° to +500° F
Standard width	54" wide
Roll length	25' long
Weight	1.45 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

Acoustical Performance:

Sound Absorption Data

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
BSC-26	.19	.99	.96	.80	.57	.33	.85

Per ASTM C 423