

**BSC-SERIES**

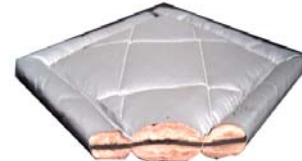
NOISE BARRIERS/SOUND ABSORBER  
COMPOSITES

Spec Data Sheet

**BSC-22 Acoustical Composite Pipe & Duct wrap**

The barrier septum configuration offers the benefits of both sound absorption and noise barriers. The BSC-22 consists of a non-reinforced 1-lb psf loaded vinyl noise barrier sandwiched between two layers of 1" quilted fiberglass absorbers. One layer of quilted fiberglass has scrim facing (to decouple the barrier away from the pipe or duct); the other side has vinyl-coated-fiberglass-cloth facing (to offer a choice of colors). Used to wrap noisy pipes, ducts, valves, vav boxes and fan housings.

- Class A Flammability rated per ASTM E84
- Available colors: gray, white, black, or tan
- STC rating 29
- NRC rating .85



**Applications:**

Typically used to wrap noisy pipes and ducts to block the noise that transmits through the walls of the pipe or duct as air or other contents move through it. The quilted fiberglass decoupler improves the performance of the noise barrier as well as to provide sound absorption and thermal insulation around the pipe or ductwork. The outer layer of fiberglass is quilted with a vinyl-coated cloth facing to offer a choice of colors.

**Product Data:**

<b>Description</b>	Scrim faced 1" quilted fiberglass / 1lb-psf non-reinforced loaded vinyl barrier/ Vinyl coated fiberglass cloth facing on 1" quilted fiberglass
<b>Flammability</b>	Flame Spread: 22.78 Smoke density: 30.56
<b>Nominal thickness</b>	2 inches
<b>Temperature range</b>	-20° to +180° F
<b>Standard width</b>	48" wide
<b>Roll length</b>	25' long
<b>Weight</b>	1.45 lb psf

**Acoustical Performance:**

**Sound Transmission Loss**

Product	OCTAVE BAND FREQUENCIES (Hz)						STC
	125	250	500	1000	2000	4000	
BSC-22	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-22	.19	.99	.96	.80	.57	.33	.85

ASTM C 423