

BA-21(S) Noise Barrier/Sound Absorber Composite

This barrier-backed composite offers the benefits of a noise barrier and a sound absorber and is suitable for outdoor applications. The **BA-21(S)** consists of a silicone-coated-fiberglass-cloth faced 2" thick quilted fiberglass that is bonded to a reinforced one-pound psf loaded vinyl barrier. Acoustical 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. Note: the barrier is 54" wide; the quilted fiberglass is 48" w. and is held 3" in from each vertical edge. Custom fabricated pieces are also available.



- Class A (or 1) Flammability rated per ASTM E-84
- Hi-temperature and UV resistance facing
- Noise Barrier rating: STC 32
- Sound absorption Rating: NRC .85

Applications:

Silicone faced sound absorber/noise barrier composites are typically used to provide maximum noise reduction by both blocking or containing noise as well as absorbing sound energy where the product may be subjected to high temperature, sunlight, water or oil. Also used as a high temperature duct wrap, or **on any outdoor application where maximum UV resistance and durability is required.**

Product Data:

Description	Silicone-coated-fiberglass cloth facing on 2" quilted fiberglass/ 1 lb.-psf reinforced loaded vinyl barrier
Flammability	Class A Flammability rated: Flame Spread: 4.0 Smoke density: 19.0
Nominal thickness	2.0 inches
Temperature range	-60° to + 500° F
Standard width	54" 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	
BA-21(S)	13	20	29	40	50	55	32

ASTM E-90 & E 413

Sound Absorption Data

Product	OCTAVE BAND FREQUENCIES (Hz)						NRC
	125	250	500	1000	2000	4000	
BA-21(S)	.07	.27	.96	1.13	1.08	.99	.85

ASTM C 423

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