

Noise Barrier/Sound Absorber Composite

The barrier septum configuration offers the benefits of both sound absorption and noise barriers. UNC-25 consists of a non-reinforced 1-lb psf loaded vinyl noise barrier sandwiched between two layers of vinyl-coated-fiberglass-cloth faced 1" quilted fiberglass sound absorbers.



- Supplied in modular sound curtain panels with grommets across the top and Velcro along the vertical edges
- Available colors: gray, white, black, or tan
- Class A (or 1) flammability rated per ASTM E84

Applications:

Typical uses include curtain panels in acoustical curtain enclosures. Also used as separator walls or divider partitions between noise sources. Commonly used to line the perimeter walls of a building, or as a free-hanging noise barrier/sound absorber wall.

Product Data:

Description	Vinyl coated fiberglass cloth faced 1" quilted fiberglass/1lb-psf reinforced loaded vinyl barrier
Flammability	Class A: Flame Spread: 22.78, Smoke density: 30.56
Nominal thickness	2.00 inch
Temperature range	-20° to +180° F
Standard width	48" wide
Weight	1.5 lb psf

Acoustical Performance:

Sound Transmission Loss

ASTM E-90 & E 413

OCTAVE BAND FREQUENCIES (Hz)							
Product	125	250	500	1000	2000	4000	STC
UNC-25	12	16	27	40	44	43	29

Sound Absorption Data

ASTM C 423

OCTAVE BAND FREQUENCIES (Hz)							
Product	125	250	500	1000	2000	4000	NRC
UNC-25	.19	.99	.96	.80	.57	.33	.85