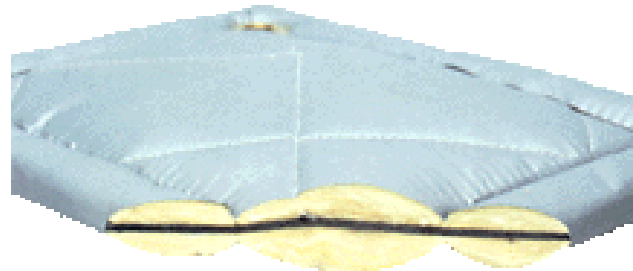


SoundSense QB111



SoundSense QB 111 is a composite of SoundSense LV-1 barrier and absorptive faced quilted fiberglass that provides an effective, economic means of machinery noise reduction/elimination. The QB material is available with a double vinyl facing as seen above or with a vinyl facing on one side and a scrim facing on the other. It comes in colors of gray, white, tan, or black in bound or unbound rolls.

Applications:

- Separator walls or divider partitions between noise sources
- Mechanical room separation
- Machinery enclosures
- In-wall or in-ceiling speaker box enclosures

Installation:

Install QB111 overlapping all seams and attaching to framework using roofing nails where possible. Acoustically caulk all seams. Purchase and staple ribbon trimming to cut edges for a custom look. For easier installations, modular acoustical curtain panels that feature grommets, and hook and loop fasteners along edges, can be custom ordered to fit any job.

Physical Properties:

Roll Size:	4' by 25'
Thickness:	2.08"
Material Composition:	1" Quilted Fiberglass – 1 lb. Loaded Vinyl Barrier – 1" Quilted Fiberglass
Weight:	1.5 lb./ sq. ft.
Temperature Range:	-20° F to 180 °F (vinyl) – 400 °F (scrim)
Fire Rating:	Class A fire rating per ASTM E-84

Acoustical Properties:

	<u>Frequency, Hz</u>						STC	NRC
	125	250	500	1000	2000	4000		
Sound Transmission Loss in dB	12	16	27	40	44	43	29	-
Sound Absorption Coefficient	0.19	0.99	0.96	0.8	0.57	0.33	-	0.85

