

AUDIOSEAL[®] ABSC-25 COMBINATION SOUND BLANKET TECHNICAL DATA SHEET



DESCRIPTION

The ABSC-25 AudioSeal[®] Combination Sound Blanket is a sound barrier panel used to block and absorb sound for interior applications. The ABSC-25 AudioSeal[®] Combination Sound Blanket (absorber/barrier) offers a sound barrier septum encapsulated with fiberglass, allowing sound absorption and sound attenuation in one efficient product. These sound blocking blankets are an excellent choice to block and absorb sound.

The AudioSeal[®] acoustical blankets consist of a non-reinforced 1-lb or 2-lbs per square foot mass loaded vinyl barrier between two layers of vinyl coated recycled fiberglass cloth faced 1" quilted absorbers. The sound attenuation blankets are constructed with grommets across the top and Velcro[®] along the vertical edges and can be custom sized. Typical uses include industrial sound control. These blankets are commonly used as separator walls or divider partitions and to line the perimeter of a building. The ABSC-25 blankets are Class 1 fire-rated and are a double duty sound blanket in that they work for both absorbing and blocking sound.

TECHNICAL CHARACTERISTICS

PANEL SIZE: 4' x 8', Up to 4' x 25'

ROLL SIZE: 4' x 25' long

THICKNESS: 2" (actual size may vary after quilt)

CONSTRUCTION: Vinyl coated fiberglass cloth facing on both sides, quilted with 2 lb./cu. ft. density fiberglass batting with a 1 lb./sq. ft. barrier septum and mating velcro on the vertical edges

FINISH: Vinyl Coated Fiberglass

PATTERN: Diamond Stitching (default), Vertical Stitching (custom)

COLOR: Grey (default), Black, Tan, Off-White

EDGES: Panels- Bound
Rolls- Bound or Unbound

MOUNTING: Grommets or as specified

FIRE RATING: Class 1 or A per ASTM E84

TEMP RANGE: -20 to 180 degrees F

WEIGHT: 1.43 lb. / sq. ft.

SOUND ABSORPTION (ASTM C 423)						
125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
0.45	0.96	0.87	0.66	0.47	0.30	0.75

SOUND TRANSMISSION LOSS (ASTM E90 & E413)							
Barrier	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
1 lb.	12	16	27	40	44	43	29
2 lb.	19	22	28	40	56	61	33

