

AUDIOSEAL[®] ABBC-13 PORTABLE BLANKET SCREEN TECHNICAL DATA SHEET



DESCRIPTION

Our ABBC-13 AudioSeal[®] Portable Blanket Screen is a quilted sound barrier blanket that attaches to tubular steel frame for use as a sound partition. They may be used individually or in groups to create partial noise barriers enclosures around noisy machinery or other equipment. The quilted absorptive face helps to reduce ambient noise, while the barrier back helps to block the direct path of sound. The collapsible frame is available with or without casters for maximum portability and flexibility.

Typical uses include sound partitions for noisy areas where abuse resistance, excellent durability and portability is desired. These are the perfect material to create acoustical partitions for saws, grinders, motors, compressors and other noisy equipment.

TECHNICAL CHARACTERISTICS

SIZE: 54" x 98.5"

THICKNESS: 1", 2" (actual size may vary after quilt)

CONSTRUCTION: Barrier backed quilted sound blanket that mounts to a tubular steel frame with zip ties to create a portable acoustic screen

COLOR: Grey quilt & barrier, Black frame

FIRE RATING: Class A per ASTM E84

NRC: 0.70 (1"), 0.85 (2")

STC: 27 (1"), 32 (2")

Blanket Panel: 54" wide 1 pound per square foot barrier backed composite panel with 48" wide quilted vinyl coated cloth face. Curtain panels are manufactured with grommets for attaching to the metal frame and mating hook and loop fasteners sewn onto vertical edges.

Frame: 1" diameter powder coated tubular steel frame 48" (w) x 96" (h) with 4" high platform feet for and overall height of 100". With casters, overall height is 103".

Casters: Optional 2" Rubber swivel casters

SOUND ABSORPTION (ASTM C 423)

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1"	0.12	0.47	0.85	0.84	0.64	0.62	0.70
2"	0.07	0.27	0.96	1.13	1.08	0.99	0.85

SOUND TRANSMISSION LOSS (ASTM E90 & E413)

Thickness	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
1"	11	16	24	30	35	35	27
2"	13	20	29	40	50	55	32

