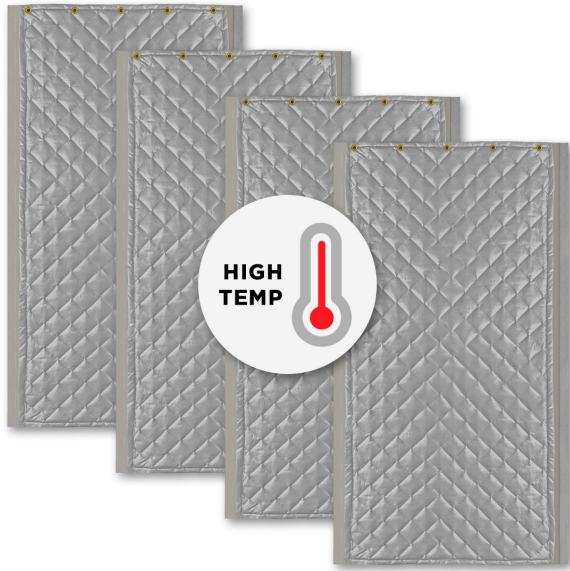


AUDIOSEAL[®] ABBC-14 SILICONE COATED SOUND BLANKET TECHNICAL DATA SHEET



DESCRIPTION

The ABBC-14 AudioSeal[®] Silicone Coated Sound Blanket is a barrier backed sound panel used to block and absorb sound for interior, high temperature applications. This barrier backed composite can be used in areas with a temperature up to 550° F. These blankets are composed of a highly durable silicone coated fiberglass cloth quilted to one or two inch thick fiberglass batting. Then reinforced with a one pound per square foot mass loaded vinyl barrier bonded to one side. This product offers the benefits of a noise barrier and a sound absorber.

Standard blankets are constructed with grommets across the top and Velcro[®] along the vertical edges for easy installation and layering. ABBC-14 blankets are commonly used in industrial operations to contain and lower noise from mechanical equipment in high temperature environments.

TECHNICAL CHARACTERISTICS

- SIZE:** 54" x 96", Up to 54" x 25'
- THICKNESS:** 1", 2" (actual size may vary after quilt)
- CONSTRUCTION:** Silicone-coated-fiberglass cloth faced quilted fiberglass with one pound per square foot reinforced loaded vinyl backer
- FACING COLOR:** Grey
- BARRIER COLOR:** Grey
- WEIGHT (P.S.F.):** 1.3 (1"), 1.5 (2")
- TEMP RANGE:** -90 to 550 degrees F
- FIRE RATING:** Class 1 or A per ASTM E84



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

