

ALPHASORB[®] AQFA-11 SILICONE COATED ABSORBER BLANKET TECHNICAL DATA SHEET



DESCRIPTION

The AQFA- 11 Silicone Coated Absorber Blanket is a quilted fiberglass absorber (QFA) great for use in high temperature areas up to 500° F. These high temperature sound blankets are constructed from highly durable silicone coated fiberglass cloth quilted to 2-inch thick fiberglass matting. The AQFA-11 blanket is available only in gray, with multiple stitch patterns to choose from, and can be made in any size up to 4' x 25'.

AQFA-11 blankets reduce the reverberation of sound energy in high temperature, reverberant environments or enclosures.

COMMON APPLICATIONS

- High Temperature Areas
- Pipe and Duct Wrap

SOUND ABSORPTION (ASTM C 423)						
125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
.19	.99	.96	.80	.57	.33	.85

TECHNICAL CHARACTERISTICS

SIZE:	Up to 4' x 25'
ROLL SIZING:	4' x 25' long
THICKNESS:	2" (actual size may vary after quilt)
FINISH:	Silicone Coated Fiberglass Cloth
PATTERN:	Diamond Stitching (default), Vertical Stitching (custom)
COLOR:	Grey
TEMP RANGE:	-90 to + 500 degrees F
WEIGHT:	0.45 lb. / sq. ft.
MOISTURE PERMEABILITY:	.5 perms
TEAR STRENGTH:	5lb warp and fill
BREAKING STRENGTH:	60lb./in. warp and 55 lb./in. fill
FLAME SPREAD:	4.95
SMOKE DENSITY:	11.43
FIRE RATING:	Class 1 or A per ASTM E84

