Memtech Acoustics

SPEC DATA SHEET **BBC SERIES**

BBC-15

NOISE BARRIER / SOUND ABSORBER COMPOSITE

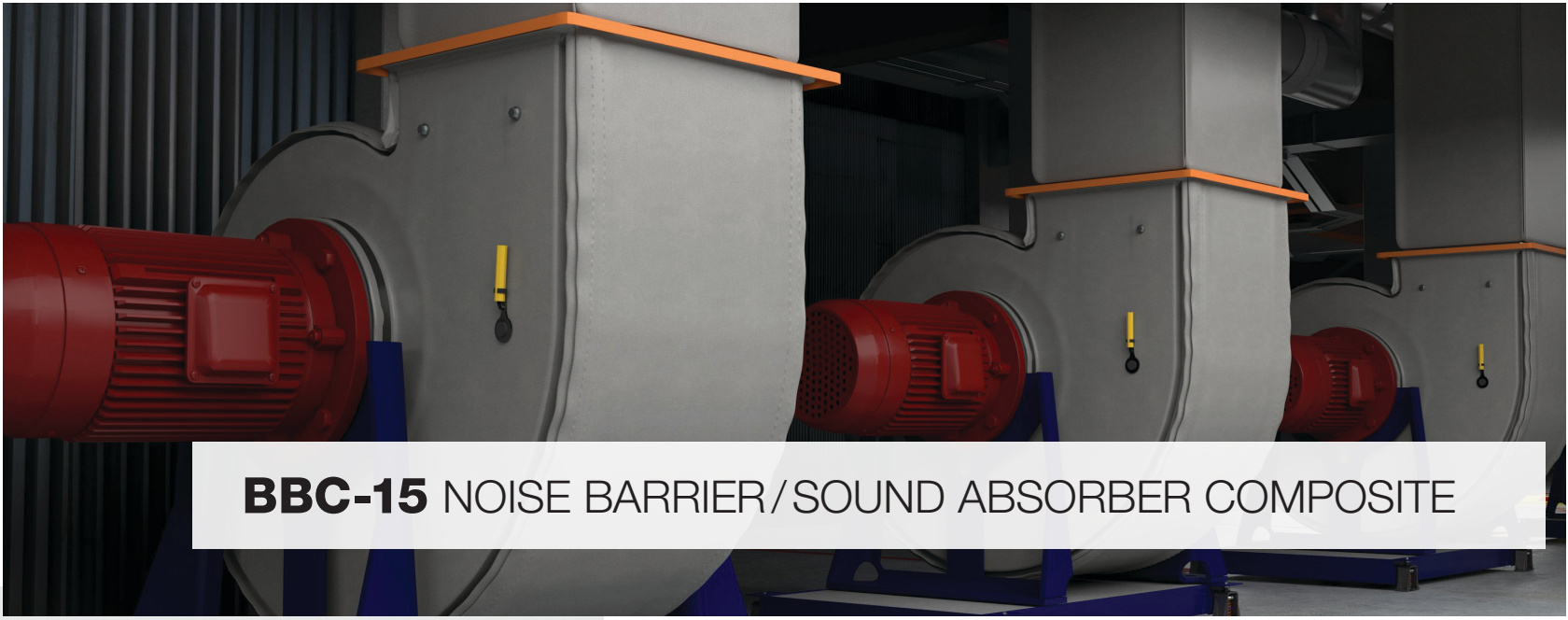
The configuration of Memtech's **BBC-15** product offers the benefits of both a sound absorber and noise barrier Each curtain is custom fabricated and consists of a non-porous scrim facing on a nominally 1" thick quilted fiberglass absorber / decoupler that is bonded to a reinforced 1-lb psf loaded vinyl barrier. (Note: barrier is 54" wide, quilt is typically 48" wide for a built-in overlap on adjacent pieces.) Can also be finished with grommets across the top, and vertical-mating Velcro along the edges for easy installation.

FEATURES:

- Excellent acoustical performance (STC 27 / NRC .70)
- Class A fire rated per ASTM E-84
- Scrim facing
- Flame Spread: 12.5 | Smoke Density: 19.5
- Temperature Range: -20° to +200° F
- Weight: 1.30 lb psf
- Our most durable outdoor pipe & duct wrap

APPLICATIONS:

- Commonly used in manufacturing spaces
- Used to wrap noisy pipes and ducts to block the noise that transmits through the walls of the pipe or duct as air or other contents move through it
- Improves overall acoustical performance, especially at low frequencies
- The preferred product to wrap pipe and duct work in outside environments



BBC-15 NOISE BARRIER / SOUND ABSORBER COMPOSITE

MORE SPECIFICATIONS:
Visit **memtechacoustics.com**
or call **248.289.1123**

ACOUSTICAL PERFORMANCE

Sound Transmission Loss Coefficients at the Octave Band Frequencies (Hz)							
Frequency (Hz)	**125**	**250**	**500**	**1K**	**2K**	**4K**	**STC**
BBC-15	11	16	24	30	35	35	27

ASTM E-90 & E 413

Sound Absorption Coefficients at the Octave Band Frequencies							
Frequency (Hz)	**125**	**250**	**500**	**1K**	**2K**	**4K**	**NRC**
BBC-15	.12	.47	.85	.84	.64	.62	.70

ASTM C 423

SIZING

All standard curtains are manufactured at 54" wide x any desired length up to 30' with 1" nominal thickness. **(Note: barrier is 54" wide, quilt is held 3" in from each vertical edge, and measures 48" wide.)** Custom width panels and special options are available upon request.

AVAILABLE BARRIER COLORS

Gray, Tan, Black, Light Blue*

*subject to availability

Memtech Acoustics

www.memtechacoustics.com