



GAUS - SCOTT COMPANY

PRESENTED BY GAUS ACOUSTICS

ACOUSTIC C-BOARD

VULCAN INDUSTRIAL LINE

Versatile And Easy To Install. Acoustic C-Board can easily be attached directly to a ceiling or a wall in a full array of color options to create a modern design or layout while offering excellent acoustical properties.

FEATURES

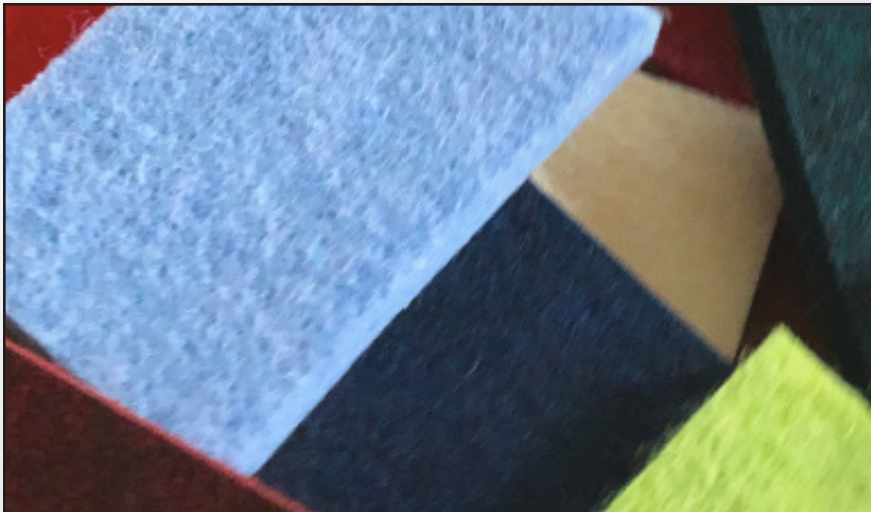
- Resists mold, mildew & bacteria
- High tackability
- Impact resistant
- Hypo allergenic, dust-free & formaldehyde-free
- Easy to handle & simple to apply
- Fire Rating: Class A per ASTM E-84, based on 9mm white

ACOUSTICAL DATA

Sound Absorption Coefficient per Octave Band Center Frequency (Hz)							
	125	250	500	1000	2000	4000	NRC
9mm	.04	.04	.16	.40	.63	.82	.30
18mm	.05	.12	.39	.74	.95	1.04	.55
9mm 2" Gap	.07	.13	.42	.79	.89	.76	.55
9mm 4" Gap	.14	.32	.73	.92	.72	.88	.65



- Board Size: 48" x 96"
- Thickness Options: 9mm, 12mm
- Weight Per Square Foot:
9mm / .27 lb. - 12mm / .44 lb.
- 100% Polyethylene Terephthalate (PET)
- 55% recycled content
- 100% recyclable
- Low VOC Emissions
- LEED - MRc4



3207 Sutton Blvd Maplewood, MO 63143
(314) 219-5657 • gausacoustics.com





GAUS - SCOTT COMPANY

PRESENTED BY GAUS ACOUSTICS

ACOUSTIC T-BOARD

VULCAN INDUSTRIAL LINE

Acoustic T-Board tiles are made from lightweight, black-dyed acoustic fiberglass board and finished with a matte black fiberglass fabric. This offers an affordable solution to building acoustic ceilings in any residential or commercial space where reverberation or reflected noise is an issue.

Vulcan Industrial Acoustic T-Board is a sound absorptive board that provides excellent acoustic performance by reducing reverberation.

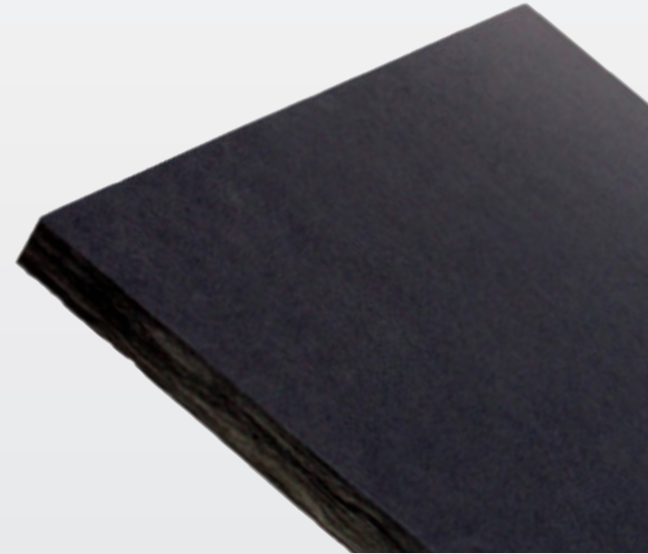
T-Board tiles are made from lightweight, black-dyed acoustic fiberglass board and finished with a matte black fiberglass fabric. This offers an affordable solution to building acoustic ceilings in any residential or commercial space where reverberation or reflected noise is an issue.

APPLICATIONS

- Home Theaters, Media Rooms.
- Recording & Broadcast Studios.
- Clubs, Restaurants, Entertainment Facilities.
- Theaters & Performing Arts Spaces.
- Can Be Used To Reduce Light Reflection Within A Room.

ACOUSTICAL DATA

Sound Absorption Coefficient per Octave Band Center Frequency (Hz)								
	125	250	500	1000	2000	4000	NRC	R-Value
1"/3.0	.06	.25	.62	.91	.99	.98	.70	4.30
2"/3.0	.18	.71	1.12	1.12	1.03	1.02	1.00	8.60
1"/6.0	.30	.34	.68	.87	.97	1.06	.70	4.30
2"/6.0	.39	.63	1.06	1.13	1.09	1.10	1.00	8.60



- Eliminates unwanted reflections
- Controls excessive reverberation
- Eliminates echo between floor and ceiling
- Improves signal-to-noise ratio
- Easily cut to size
- Low-cost



3207 Sutton Blvd Maplewood, MO 63143
(314) 219-5657 • gausacoustics.com





GAUS - SCOTT COMPANY

PRESENTED BY GAUS ACOUSTICS

ACOUSTIC V-BOARD

VULCAN INDUSTRIAL LINE

Acoustic V-Board offers great flexibility in acoustical applications and installations, working as a sound absorption product for wall ceiling and duct applications. It is an environmentally friendly, polyester acoustical panel developed for building interiors and exteriors for acoustics. The product works well for either retrofit or new construction applications.

The Acoustic V-Board is a versatile product that can either be attached directly to a ceiling deck or drywall or suspended similar to a continuous ceiling. It offers a lot of versatility in layout design and easy alignment in a grid system.



- 60% post-consumer polyester-fiber
- 100% recyclable
- Resists mold, mildew & bacteria
- High tackability
- Impact resistant
- Hypoallergenic, dust-free & formaldehyde-free
- Easy to handle & simple to apply

ACOUSTIC V-BOARD

VULCAN INDUSTRIAL LINE



ACOUSTICAL DATA

NRC Rating of .70

PANEL SIZE

48" x 96" board

Panel Thickness

1"

COLOR OPTIONS

White

INSTALLATION METHOD

Adhesive with mechanical fasteners

FIRE RATING

All components shall have a Class A fire rating per ASTM E-84



3207 Sutton Blvd Maplewood, MO 63143
(314) 219-5657 • gausacoustics.com





GAUS - SCOTT COMPANY

PRESENTED BY GAUS ACOUSTICS

CURTAIN SYSTEMS

VULCAN INDUSTRIAL LINE

Vulcan Sound Curtain Systems offer significant noise reduction with high STC and NRC acoustical ratings. In addition to very effective, high-performance sound curtain panels, a successful, functional acoustical enclosure often requires a wide array of features and options allowing for equipment access, visibility and ventilation.

- Modular panels join together to form any configuration required:
 - 2 Sided partial enclosures
 - 3 Sided partial enclosures
 - 4 Sided full enclosures
 - 4 Sided full enclosures with roof
- Framing systems are available for floor mount, wall mount, ceiling mount or suspended by threaded rod
- A variety of framing systems are available including a heavy structural steel frame system for large enclosures
- Double track systems available for slide by access. Every panel can be a door.
- Durable construction for long service life in even severe industrial conditions
- Rigid roof panels are available for maximum noise reduction
- Clear vinyl windows are available for visibility and can be sewn on or removable
- Side air intake vent baffles allow air into the enclosure without compromising acoustical performance
- Roof top vent baffles made from rugged sheet metal are lined with sound absorption material
- Curtain panels can be field cut to work around obstacles
- Easy to install, relocate or modify
- CAD drawings provided with every order
- Short lead time even for custom enclosures and expedites available if needed even faster
- Economical alternative to rigid metal acoustical enclosures



Vulcan Curtain Systems can be supplied as a partial or complete enclosure around noisy industrial equipment including:

- Compressors
- Pumps
- Generators
- Blowers
- Fans
- Granulators
- Presses

Also suitable for larger complete enclosures including:

- Manufacturing Equipment
- Test Chambers
- Machinery Enclosures

CURTAIN SYSTEMS

VULCAN INDUSTRIAL LINE



BARRIER BACKED COMBINATION

- Modular acoustical curtain panels feature grommets at top, velcro fasteners along each edge
- Sound absorptive quilted fiberglass on one side of reinforced mass loaded barrier material
- Reinforced barrier back offers excellent durability and abuse resistance
- Utilized as fixed panels and sliding doors on acoustical curtain enclosures
- Suitable for outdoor applications
- Custom fabricated for “acoustical jackets” on blowers, fans or compressor housings
- Also available in bound or unbound rolls
- STC ratings up to 37, NRC ratings up to 1.05
- Class A flammability rating (per ASTM E-84)



CURTAIN SYSTEMS

VULCAN INDUSTRIAL LINE

BARRIER SEPTUM COMBINATION

- Sound absorptive faced quilted fiberglass (gray, white, tan or black) on both sides of loaded vinyl noise barrier material
- Modular acoustical curtain panels feature grommets at top, velcro fasteners along each edge
- Utilized as perimeter walls, separator walls, or divider partitions between noise sources
- Utilized as absorber/barrier composite liner in enclosures, rooms or buildings
- Outer layer of quilted fiberglass adds additional sound absorption to environment
- Also available in bound or unbound rolls
- STC ratings up to 33, NRC ratings up to .85
- Class A flammability rating (per ASTM E-84)



CURTAIN SYSTEMS

VULCAN INDUSTRIAL LINE

Flammability Ratings			
Product	Descriptor	Flame Spread	Smoke Developed
BSC-25	Vinyl faced 1" quilted fiberglass on both sides of a 1 lb. PSF non-reinforced loaded vinyl barrier septum	23	30
BSC-26	Silicone faced 1" quilted fiberglass on both sides of a 1 lb. PSF non-reinforced noise barrier septum	4	19
BSC-24	Scrim faced 1" quilted fiberglass on both sides of a 1 lb. PSF non-reinforced noise barrier septum	5	1
BBC-13-2"	Vinyl faced 2" quilt on one side of a 1 lb. reinforced loaded vinyl noise barrier	23	12
BBC-13	Vinyl faced 1" quilt on one side of a 1 lb. reinforced loaded vinyl noise barrier	23	30

Above table shows flame spread and smoke developed ratings per ASTM Designation E84; Surface Burning Characteristics of Building Materials.

Note: Class A rating applies to products with a flame spread index of 25 or less, and a smoke developed index of 450 or less

Additional products tested to ASTM E 162 and ASTM E 662, test reports available on request

ACOUSTICAL DATA

The most effective noise reduction products combine both sound absorption and noise barrier properties. Tested under strict compliance to appropriate ASTM standards, we offer the following results:

Sound Transmission Loss (dB) per Octave Band Frequency									
Gaus Acoustics Model #	THK.	WT.	125	250	500	1000	2000	4000	STC
BBC-13-2"	2"	1.5	13	20	29	40	50	55	32
BBC-13	1"	1.3	11	16	24	30	35	35	27
BBC-13-2LB-2"	2.5"	2	19	25	33	46	53	58	37
BSC-25	2"	1.5	12	16	27	40	44	43	29
BSC-25-2LB	2"	2.5	19	22	28	40	56	61	33
BB-RP Roof Panel	2"	2	18	24	28	37	45	46	31

Per ASTM E 90

Sound Absorption Data – Absorber Component Random Incident Sound Absorption Octave Band Center Frequencies (Hz)								
Product	THK.	125	250	500	1000	2000	4000	NRC
BBC	1"	.12	.47	.85	.84	.64	.62	.70
BBC	2"	.07	.27	.96	1.13	1.08	.99	.85
BSC	2"	.45	.96	.87	.66	.47	.30	.75
BBC	4"	.21	.89	1.09	1.17	1.13	1.07	1.05

Per ASTM C 423



3207 Sutton Blvd Maplewood, MO 63143
(314) 219-5657 • gausacoustics.com



EXT CURTAIN SYSTEMS

Vulcan EXT Sound Curtain Systems offer the benefits of both a noise barrier and a sound absorber composite in one product for outdoor applications. Our exterior grade, barrier-backed product is typically used as modular sound curtain panels on long-term construction projects or permanent outdoor applications such as enclosing HVAC equipment, dust collectors or similar machinery where UV and abuse resistance as well as maximum durability, longevity and noise reduction is required.

Modular curtain panels are constructed with grommets across the top and bottom, and exterior grade Velcro seals along the vertical edges. Modular panels are sewn with an exterior grade thread. The product is also available in roll form with edges bound or unbound.



VULCAN INDUSTRIAL LINE



Vulcan EXT Curtain Systems are offered in 4 different lines:

- BBC-EXT-R and EXT-R-2"
- BBC-13-X and 13-X-2"
- BBC-EXT-N and EXT-N-2"
- QFA-EXT-D-2

EXT CURTAIN SYSTEMS

VULCAN INDUSTRIAL LINE



BBC-EXT-R AND EXT-R-2"

FEATURES:

- 1 lb. psf. reinforced MLV
- Wind Load up to 140 mph
- 1" thick or 2" thick quilted fiberglass sound absorber
- Maximum durability in all weather conditions.
- Available quilt colors: gray, tan, black or off-white
- Available barrier colors: gray, tan or black
- Acoustical Rating:
EXT-R: 1" STC 29, NRC .65
EXT-R-2: 2" STC 38, NRC .75

APPLICATIONS:

- HVAC Equipment, Chillers
- Compressors, Generators
- Dust Collectors
- Shredders, Pumping Stations

SPECIFICATIONS:

- VCP faced 1" or 2" quilted fiberglass reinforced vinyl noise barrier.
- 1 lb. psf. reinforced MLV
(Also available in 2 lb. psf. reinforced MLV upon request)
- Nominal thickness 1.0/2.0 inches
- Temperature range -20° to +180° F
- Standard panel width: 54" wide, lengths up to 20'.
- Standard roll width: 54" wide, 25' long
- Approximate Weight:
EXT-R: 1.2 lb. psf.
EXT-R-2": 1.4 lb. psf.

EXT CURTAIN SYSTEMS

VULCAN INDUSTRIAL LINE

BBC-13-X AND 13-X-2"

FEATURES:

- Most versatile temporary construction noise barrier
- Class A flammability rated per ASTM E- 84
- 1 lb. psf. reinforced VCF
- Fabricated with grommets across top and bottom and exterior grade Velcro seams along edges.
- Available quilt colors: gray, tan, black or off-white
- Available barrier colors: gray, tan or black
- Acoustical Rating:
 - 13X: 1" STC 27, NRC .70
 - 13X-2: 2" STC 32, NRC .85

APPLICATIONS:

With a minimum life span of 5 years in the harshest environments, this product is typically used as a temporary noise barrier on outdoor applications such as construction site noise mitigation projects. BBC-13X-2" has been a recommended, specified and approved product to comply with the New York City Noise Ordinance Code.

TYPICALLY INSTALLED ON:

- Chain Link Fences
- Wooden Support Structures
- Jersey Barriers

SPECIFICATIONS:

- VCF facing on 1" or 2" quilted fiberglass/1 lb-psf reinforced loaded vinyl noise barrier
(Also available in 2 lb. psf. reinforced VCF upon request)
- Class A ASTM E-84 (Flame 23, Smoke 30)
- Nominal thickness 1.0/2.0 inches
- Temperature range -20° to +180° F
- Standard panel width: 54" wide, lengths up to 20'.
- Standard roll size 54" wide x 25' long
- Approximate Weight:
 - 13-X: 1.2 lb. psf.
 - 13-X-2: 1.45 lb. psf.



EXT CURTAIN SYSTEMS

VULCAN INDUSTRIAL LINE



BBC-EXT-N AND EXT-N-2"

FEATURES:

- 1 lb. psf. non-reinforced MLV
- 1" or 2" thick exterior grade VCP faced quilted fiberglass absorber
- Acoustical Rating:
EXT-N: STC 29, NRC .65
EXT-N-2: STC 33, NRC .75

APPLICATIONS:

Typically used as an economic Sound Curtain on temporary construction projects, the exterior grade VCP facing is specifically formulated for outdoor applications. Composite products offer maximum noise reduction by both blocking and absorbing noise at job sites.

TYPICALLY INSTALLED ON:

- Temporary Fencing
- Scaffolding

SPECIFICATIONS:

- 1" or 2" thick VCP faced quilted fiberglass bonded to a 1 LB/SF non-reinforced loaded vinyl barrier
- Nominal thickness 1.0/2.0 inches
- Temperature range -20° to +180° F
- Standard panel width: 54" wide, lengths up to 12'.
- Standard roll size 54" wide x 25' long
- Approximate Weight:
EXT-N: 1.25 lb. psf
EXT-N-2: 1.45 lb. psf

EXT CURTAIN SYSTEMS

VULCAN INDUSTRIAL LINE

QFA-EXT-D-2"

FEATURES:

- 2" thick
- Exterior grade facing on both sides
- Superior UV resistance
- Acoustical Rating: STC 21, NRC .75

APPLICATIONS:

Exterior Grade faced quilted fiberglass absorbers are used to reduce reverberant noise on outdoor noise sources such as enclosing HVAC equipment, dust collectors or similar.

TYPICALLY INSTALLED ON:

- Brick or Masonry Wall Structures
- Solid Wood Fences

SPECIFICATIONS:

- Vinyl Coated Polyester (VCP) facing / 2" fiberglass batt
Vinyl Coated Polyester (VCP) facing
- Nominal thickness 2.0 inches
- Temperature range -40° to +180° F
- Panel or Roll size 48" wide x 25' long, bound or unbound
- Weight 0.50 lb. psf



3207 Sutton Blvd Maplewood, MO 63143
(314) 219-5657 • gausacoustics.com



EXT CURTAIN SYSTEMS

VULCAN INDUSTRIAL LINE

ACOUSTICAL PERFORMANCE DATA

BBC-EXT-R / BBC-EXT-R-2"

SOUND TRANSMISSION LOSS

Octave Band Frequencies (Hz)							
Product	125	250	500	1000	2000	4000	STC
BBC-EXT-R	15	17	28	40	45	52	29
BBC-EXT-R-2"	14	20	32	41	42	41	33

SOUND ABSORPTION DATA

Octave Band Frequencies (Hz)							
Product	125	250	500	1000	2000	4000	NRC
BBC-EXT-R	.18	.68	.74	.72	.42	.29	.65
BBC-EXT-R-2"	.45	.96	.87	.66	.47	.28	.75

BBC-13-X / BBC-13-X-2"

SOUND TRANSMISSION LOSS

Octave Band Frequencies (Hz)							
Product	125	250	500	1000	2000	4000	STC
BBC-13-X	11	16	24	30	35	35	27
BBC-13-X-2"	13	20	29	40	50	55	32

SOUND ABSORPTION DATA

Octave Band Frequencies (Hz)							
Product	125	250	500	1000	2000	4000	NRC
BBC-13-X	.12	.47	.85	.84	.64	.62	.70
BBC-13-X-2"	.07	.27	.96	1.13	1.08	.99	.85

BBC-EXT-N / BBC-EXT-N-2"

SOUND TRANSMISSION LOSS

Octave Band Frequencies (Hz)							
Product	125	250	500	1000	2000	4000	STC
BBC-EXT-N	15	17	28	37	45	52	29
BBC-EXT-N-2"	14	20	32	41	42	41	33

SOUND ABSORPTION DATA

Octave Band Frequencies (Hz)							
Product	125	250	500	1000	2000	4000	NRC
BBC-EXT-N	.17	.30	.83	.82	.59	.37	.65
BBC-EXT-N-2"	.45	.96	.87	.66	.47	.28	.75

QFA-EXT-D-2"

SOUND TRANSMISSION LOSS

Octave Band Frequencies (Hz)							
Product	125	250	500	1000	2000	4000	STC
BBC-EXT-R-2"	9	14	19	21	27	34	21

SOUND ABSORPTION DATA

Octave Band Frequencies (Hz)							
Product	125	250	500	1000	2000	4000	NRC
BBC-EXT-R-2"	.46	.94	.85	.64	.47	.33	.75



GAUS - SCOTT COMPANY

PRESENTED BY GAUS ACOUSTICS

FLEXIBLE BARRIERS

VULCAN INDUSTRIAL LINE

NON-REINFORCED BARRIERS

V-10NR

- 1 lb. PSF non-reinforced loaded vinyl noise barrier
- Low-cost, often used between dry wall and stud construction to substantially improve transmission loss between rooms (see photo)
- Used as the barrier septum material in acoustical curtain and foam composites
- Easy to cut and install
- Used underneath carpeting to improve transmission loss of floor
- Used as a noise barrier ceiling tile (typically in conjunction with a fiberglass decoupler) above standard suspended ceiling systems
- Color: Black
- STC-26

V-5NR

- 1/2 lb. PSF version of V-10NR
- Used where weight restrictions require a lighter weight barrier
- STC-20

V-20NR

- 2 lb. PSF version of the above
- For applications requiring greater noise reduction, especially at lower frequencies
- STC-31



FLEXIBLE BARRIERS

VULCAN INDUSTRIAL LINE



REINFORCED BARRIERS

V-10R

- 1 lb. PSF reinforced loaded vinyl noise barrier
- High-strength polyester fabric reinforcement is utilized in the center of the barrier to dramatically improve its durability, tear and hanging strength
- Excellent outdoor UV and weather resistance
- Easy to cut and install
- Used as a free hanging acoustical curtain panel, typically with grommets at the top and hook and loop fasteners along each edge (see photo)
- When used in combination with a quilted fiberglass sound absorber, (BBC-1 3, BBC-1 3-2" F) can offer STC ratings up to 32
- Standard color is gray, tan and blue are also available
- STC-26

V-5R

- 1/2 lb. PSF reinforced loaded vinyl
- Same properties as V-10R, utilized where weight restrictions require a lighter weight material
- STC-20

FLEXIBLE BARRIERS

VULCAN INDUSTRIAL LINE

PIPE & DUCT LAGGING

V-10 LAG

- 1lb. PSF reinforced-foil faced loaded vinyl noise barrier
- Acoustical wrap for noisy pipes, duct work, valves, heat exchangers
- Easy to cut, wrap and install with matching log tape
- May be combined with quilted fiberglass decoupler to improve acoustical performance, thermal conductivity and lower installation costs
- Class A flammability rating requirements per ASTM E-84
- Durable reinforced foil facing serves as protective jacket as well as readily accepts matching tape

CLEAR VINYL BARRIERS

- Flexible transparent barrier materials offer significant noise reduction while allowing for visibility and easy access
- Also utilized to reduce heat and cold loss between areas
- Often utilized as a view window in Sound Seal Acoustical Curtain Panels
- CV strip doors are often incorporated into Acoustical Curtain Enclosures for easy access
- Mounting angles and hardware are also available
- Furnished in three standard products:

V-5 CV

- 1/2 lb. PSF
- 8" wide strips
- 48" wide sheets
- Custom-sized fabrications

V-7.5 CV

- 3/4 lb. PSF
- 12" wide strips
- 48" wide sheets
- Custom-sized fabrications

V-10 CV

- 1lb. PSF
- 16" wide strips
- 48" wide sheets
- Curtain panels with grommets at top and velcro edges
- Custom-sized window covers



3207 Sutton Blvd Maplewood, MO 63143
(314) 219-5657 • gausacoustics.com



FLEXIBLE BARRIERS

VULCAN INDUSTRIAL LINE

SPECIALTY BARRIERS & OPTIONS

- Marine Barriers
- PSA Adhesive Options
- Die Cutting
- OEM Capabilities
- Class A Fire Rated

ACOUSTICAL DATA

Noise Transmission Loss (dB) per Octave Band (Hz)							
Barriers	125	250	500	1000	2000	4000	STC
2 lb. PSF	16	22	26	32	35	40	31
1 lb. PSF	13	17	22	26	32	37	26
3/4 lb. PSF	11	16	20	25	30	34	23
1/2 lb. PSF	8	13	17	22	27	31	20

Per ASTM E90 (90A)

Physical Properties					
Product	Nominal Thickness (inches)	Nominal Weight (lb./sq. ft.)	Description	Roll Size	Additional Details
V-10 NR	.107	1.0	Non-Reinforced	54" W x 60' L	See Bulletin SS-101
V-5 NR	.042	.5	Non-Reinforced	54" W x 60' L	See Bulletin SS-101
V-20 NR	.225	2.0	Non-Reinforced	54" W x 60' L	See Bulletin SS-101
V-10 R	.090	1.0	Reinforced	54" W x 60' L	See Bulletin SS-101
V-5 R	.050	.5	Reinforced	54" W x 60' L	See Bulletin SS-101
V-10 LAG	.090	1.0	Foil Faced	54" W x 30' L	See Bulletin SS-105
V-10 CV	.160	1.0	Transparent	16" W x 100' L x 48" W x 60' L	See Bulletin SS-102
V-7.5 CV	.120	.75	Transparent	12" W x 200' L x 48" W x 60' L	See Bulletin SS-102
V-5 CV	.080	.5	Transparent	8" W x 300' L x 48" W x 60' L	See Bulletin SS-102
V-10 MB	.100	1.0	Marine Barrier	38" W x 45' L	See Bulletin SS-104

Additional information on tensile, breaking and tear strengths, elongation, chemical resistance, flammability, etc. available upon request. The test results reported were obtained using standard laboratory procedures recognized by the technical community. The data is valid as a measurement of the material under specific controlled test conditions. However, this data does not represent an accurate indicator of the performance of the material or of the hazards which may exist under actual field conditions.



GAUS - SCOTT COMPANY

PRESENTED BY GAUS ACOUSTICS

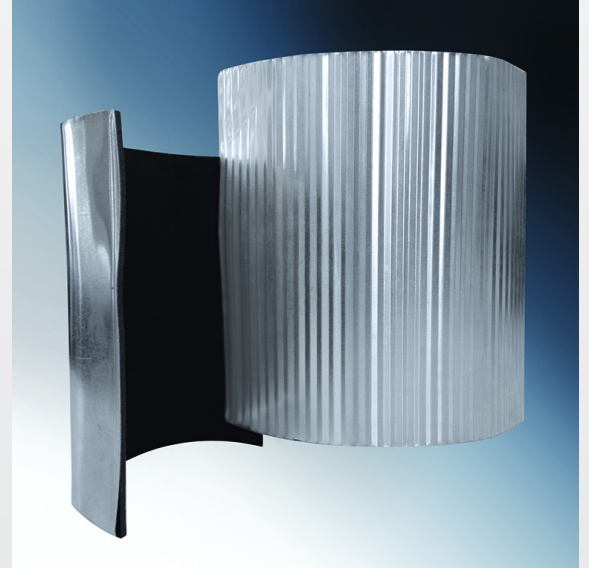
ALUMINUM JACKETED LAG PIPE & DUCT WRAP

Gaus-Scott's Aluminum-Jacketed Lag Pipe and Duct Wrap is an acoustic composite combining a noise barrier bonded to a rugged aluminum jacket. Designed specifically to meet varied acoustic performance needs, Aluminum-Jacketed products offer versatile solutions for all pipe and duct noise control problems. They are available in smooth, corrugated and embossed jacket finishes over a 1.0 lb or 2.0 lb / sq loaded vinyl barrier offering aesthetics, protection and durability for exterior and chemical resistant applications.

Typically used in conjunction with a fiberglass or mineral wool decoupler, Aluminum-Jacketed Lag Pipe and Duct Wrap is a simple and effective solution when both sound blocking capability and extreme durability are requirements for a pipe or duct noise control project.



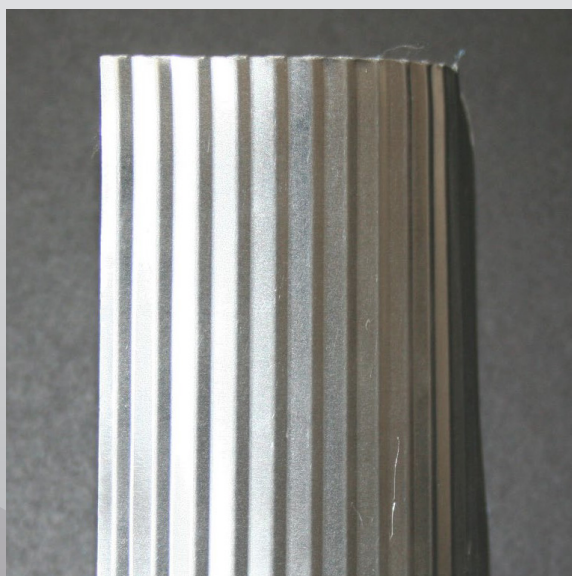
VULCAN INDUSTRIAL LINE



- GSALUM-10-016
- GSALUM-10-020
- GSALUM-10-032
- GSALUM-20-016

ALUMINUM JACKETED LAG PIPE & DUCT WRAP

VULCAN INDUSTRIAL LINE



GSALUM-10 Series

- Standard roll size is 36" x 33'L
- Custom-cut sizes available on request
- Additional aluminum gauges available

GSALUM-10-016

- 36" wide, .016 aluminum sound jacketing bonded to a 33" wide, 1 lb. psf nonreinforced loaded vinyl noise barrier
- Acoustical Rating: STC 26
- Nominal thickness: 0.10 inch

GSALUM-10-020

- 36" wide, .020 aluminum sound jacketing bonded to a 33" wide, 1 lb. psf nonreinforced loaded vinyl noise barrier
- Acoustical Rating: STC 29
- Nominal thickness: 0.10 inch

GSALUM-10-032

- 1 lb. psf reinforced foil faced vinyl barrier bonded to a .032 aluminum sound jacketing, mill finish
- Acoustical Rating: STC 30
- Nominal thickness: 0.12 inch
- Weight: 1.5 lb. psf

Acoustical Performance

Sound Transmission Loss per Octave Band Frequency

Product	Octave Band Frequencies (Hz)						STC
	125	250	500	1000	2000	4000	
GSALUM-10-016	13	17	22	26	32	37	26
GSALUM-10-020	20	21	23	29	31	40	29
GSALUM-10-032	15	20	26	29	34	40	30

Per ASTM E-90

ALUMINUM JACKETED LAG PIPE & DUCT WRAP

VULCAN INDUSTRIAL LINE

GSALUM-20 Series

- Standard roll size is 36" x 33'L
- Custom-cut sizes available on request
- Additional aluminum gauges available

GSALUM-20-016

- 2 lb. psf reinforced foil faced vinyl barrier bonded to a .16" aluminum sound jacketing, mill finish
- Acoustical Rating: STC 33
- Nominal thickness: 0.26 inch
- Weight: 2.5 lb. psf

Acoustical Performance

Sound Transmission Loss per Octave Band Frequency

Product	Octave Band Frequencies (Hz)						STC
	125	250	500	1000	2000	4000	
GSALUM-20-016	19	22	28	40	56	61	33

Per ASTM E-90



3207 Sutton Blvd Maplewood, MO 63143
(314) 219-5657 • gausacoustics.com





GAUS - SCOTT COMPANY

PRESENTED BY GAUS ACOUSTICS

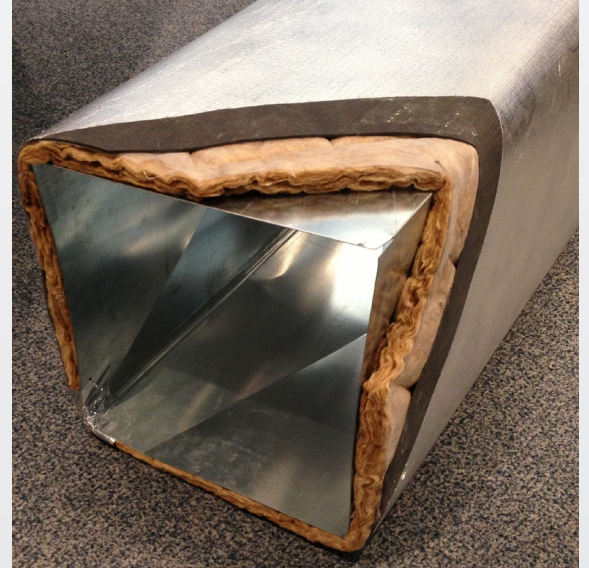
ACOUSTIC INSULATED LAG PIPE & DUCT WRAP

Gaus Scott's Pipe and Duct Wrap Acoustic Insulation is the solution for noise control and Sound proofing of noisy pipes and duct works. Sound Seal Pipe and Duct Wrap or Lagging consists of a mass loaded noise barrier with reinforced foil facing on one side bonded to a 1" or 2" sound absorbing quilted fiberglass decoupler respectively.

Acoustical Lagging is wrapped around the outside of duct or pipe to reduce the radiated noise transmitting through the walls of the ductwork or piping. It is different from, and often used in conjunction with, a duct liner that is installed inside a duct to reduce noise exiting from downstream registers and vents.



VULCAN INDUSTRIAL LINE



- V-10 Lag QFA/3
- V-10 Lag QFA/9
- V-20 Lag QFA/3
- V-20 Lag QFA/9

ACOUSTIC INSULATED LAG PIPE & DUCT WRAP

VULCAN INDUSTRIAL LINE



V-10 Series

- Standard roll size is 54" x 30'L
- Easy to cut, wrap and install with matching lag tape
- Quilted fiberglass decoupler
- Flammability: Smoke Density Index of 19.5
Flame spread index of 12.5
Class A (or 1) per ASTM E-84

V-10 Lag/QFA-3

- 1 lb. psf reinforced-foil faced loaded vinyl barrier bonded to a 1" thick, 1.6 Lb. pcf scrim faced quilted fiberglass absorber
- Nominal thickness: 1.0 inch
- Weight: 1.3 lb. psf
- Temperature Range: -20° to +200°F
- Thermal Conductivity: 0.24 BTU-in. ft² ° F per (ASTM C518) @ 75° F

V-10 Lag/QFA-9

- 1 lb. psf reinforced-foil faced loaded vinyl barrier bonded to a 2" thick, 1.6 Lb. pcf scrim faced quilted fiberglass absorber
- Suitable for both indoor and outdoor applications
- Nominal thickness: 2.0 inch
- Weight: 1.45 lb. psf
- "R" Factor: 9.0
- Temperature Range: -20° to +350°F

Acoustical Performance

Sound Transmission Loss per Octave Band Frequency

Product	Octave Band Frequencies (Hz)						STC
	125	250	500	1000	2000	4000	
V-10 Lag/QFA-3	18	18	23	30	39	46	29
V-10 Lag/QFA-9	19	20	23	33	44	53	30

Per ASTM E-90 & E 413

ACOUSTIC INSULATED LAG PIPE & DUCT WRAP

VULCAN INDUSTRIAL LINE

V-20 Series

- Standard roll size is 54" x 30'L
- Easy to cut, wrap and install with matching lag tape
- Quilted fiberglass decoupler
- Flammability: Smoke Density Index of 19.5
Flame spread index of 12.5
Class A (or 1) per ASTM E-84

V-20 Lag/QFA-3

- 2 lb. psf reinforced Foil-faced vinyl barrier bonded to a 1" thick quilted fiberglass absorber
- Nominal thickness: 1.0 inch
- Weight: 2.2 lb. psf
- "R" Factor: 4.0

V-20 Lag/QFA-9

- 2 lb. psf reinforced-foil faced loaded vinyl barrier bonded to a 2" thick, nom. 2 lb. density quilted fiberglass absorber
- Suitable for both indoor and outdoor applications
- 100% adhesion coverage between barrier and quilt
- Nominal thickness: 2.0 inch
- Weight: 2.4 lb. psf
- "R" Factor: 9.0
- Temperature Range: -20° to +200°F

Acoustical Performance

Sound Transmission Loss per Octave Band Frequency

Product	Octave Band Frequencies (Hz)						STC
	125	250	500	1000	2000	4000	
V-20 Lag/QFA-3	20	23	28	37	48	56	32
V-20 Lag/QFA-9	21	24	29	41	54	68	34

Per ASTM E-90 & E 413



3207 Sutton Blvd Maplewood, MO 63143
(314) 219-5657 • gausacoustics.com





GAUS - SCOTT COMPANY

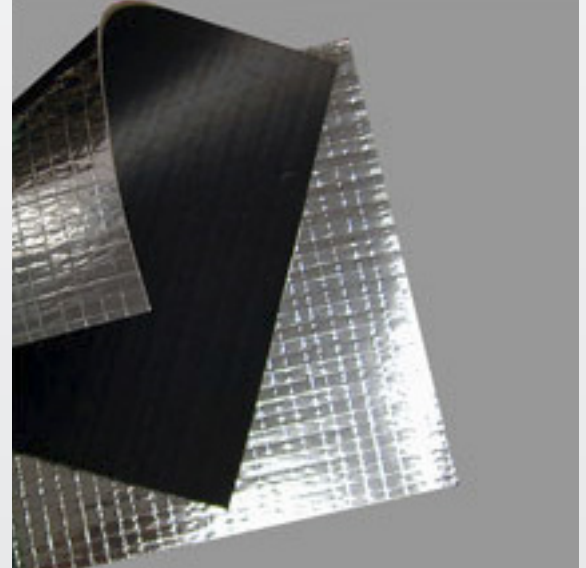
PRESENTED BY GAUS ACOUSTICS

LAG PIPE & DUCT WRAP

VULCAN INDUSTRIAL LINE

Gaus-Scott's Pipe and Duct Wrap is a flexible 1 lb or 2 lb per square foot reinforced foil-faced mass loaded vinyl noise barrier. It is typically 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 as well as to increase the sound absorption in the cavity.

The reinforced foil-faced exterior serves as a protective jacket for indoor or outdoor applications. It is different from, and often used in conjunction with, a duct liner that is installed inside a duct to reduce noise exiting from downstream registers and vents.

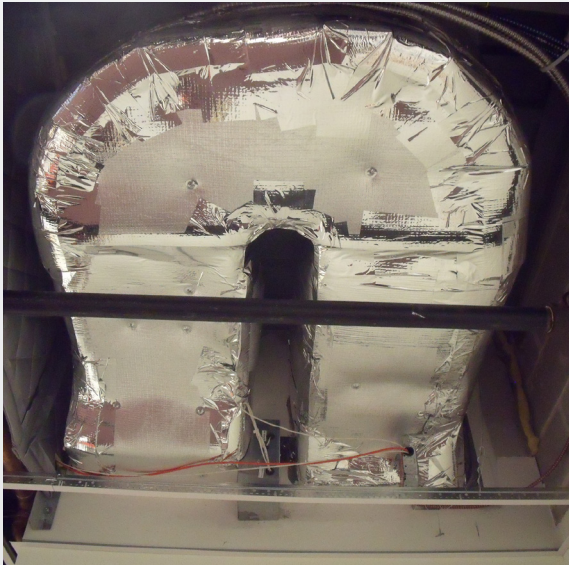


- V-10 Lag
- V-20 Lag



LAG PIPE & DUCT WRAP

VULCAN INDUSTRIAL LINE



Acoustical Pipe and Duct Wrap

- Standard roll size is 54" x 30'L
- Easy to cut, wrap and install with matching lag tape
- Available with a 1" or 2" thick quilted fiberglass decoupler.
- Temperature Range: -10° to +180° F
- Flammability: UL 94: meets VO, FMVSS 302: Pass

V-10 Lag

- 1 lb. psf reinforced foil faced vinyl barrier
- Nominal thickness: .090 inches
- Weight: 1.0 lb. psf

V-20 Lag

- 2 lb. psf reinforced foil faced loaded vinyl barrier
- Nominal thickness: .1875 inches
- Weight: 2.0 lb. psf

Acoustical Performance

Sound Transmission Loss per Octave Band Frequency

Product	Octave Band Frequencies (Hz)						
	125	250	500	1000	2000	4000	STC
V-10 Lag	15	18	22	27	32	37	27
V-20 Lag	16	22	26	32	35	40	31

Per ASTM E-90 & E 413



3207 Sutton Blvd Maplewood, MO 63143
(314) 219-5657 • gausacoustics.com





GAUS - SCOTT COMPANY

PRESENTED BY GAUS ACOUSTICS

PORTABLE SCREENS

VULCAN INDUSTRIAL LINE

Vulcan Portable Acoustic Screens can be used individually or in groups to form partial noise enclosures, offering complete mobility and maximum accessibility. They consist of a rugged powder-coated tubular steel frame combined with our high-performance BBC (Barrier Backed Composite) or BSC (Barrier Septum Composite) noise barrier/sound absorption curtain panels and heavy duty casters.

A series of Portable Acoustic Screens join together to form a sound absorption and noise barrier treatment which can be easily moved and relocated.

FEATURES

- Standard size 4' x 8'
- Custom fabricated for any size application
- Completely mobile for maximum accessibility
- Utilizes high-performance acoustical curtain panels
- Collapsible framing allows for cost-effective and quick shipping methods
- Portable Acoustic Screens combine high-performance noise barrier/sound absorption sound curtain panels with a modular steel tube frame
- Multiple units join together with velcro tabs to form any configuration required
- Economical, low installation costs
- Standard size is 48" x 96", custom sizes are available
- Available with or without casters



PORTABLE SCREENS

VULCAN INDUSTRIAL LINE

ACOUSTICAL DATA

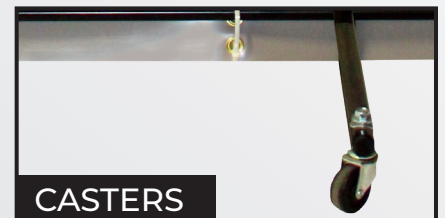
Sound Transmission Loss (dB) per 1/3 Octave Band Frequencies (HZ)							
Gaus Acoustics Model #	125	250	500	1000	2000	4000	STC
QFA-10	6	11	15	20	25	32	19
BBC-13	11	16	24	30	39	43	27
BBC-13-2"	13	20	29	40	50	40	32
BSC-25	12	16	27	40	44	47	29

Per ASTM E 90

- QFA-10:** 2" thick vinyl faced quilted fiberglass absorber
- BBC-13:** 1" thick vinyl faced quilted fiberglass absorber (QFA) bonded to a 1lb. psf reinforced loaded vinyl noise barrier
- BBC-13-2:** 2" thick vinyl faced quilted fiberglass absorber (QFA) bonded to a 1lb. psf reinforced loaded vinyl noise barrier
- BSC-25:** 1" thick vinyl faced QFA on both sides of a 1lb. psf loaded vinyl noise barrier septum

AVAILABLE ACCESSORIES

- 7 zip ties to secure panel through grommets on top and bottom of the frame (included)
- 4 snap-in rolling casters for ease of transport around a project site (optional)



3207 Sutton Blvd Maplewood, MO 63143
(314) 219-5657 • gausacoustics.com

