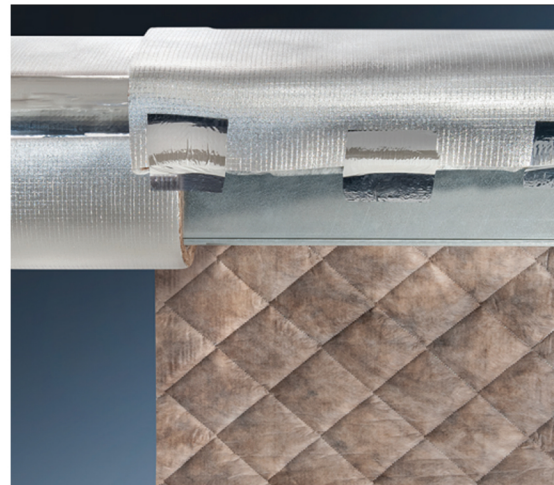
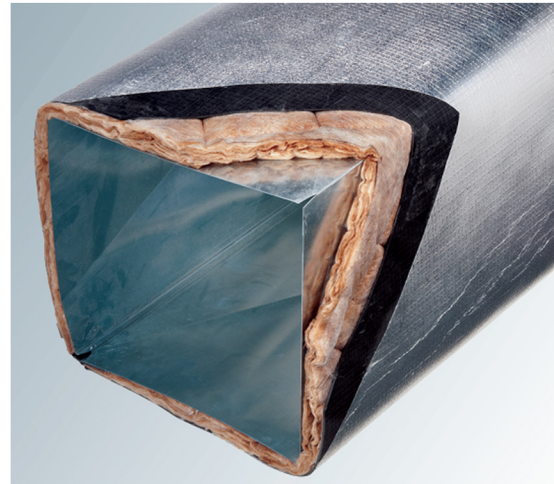


ACOUSTICAL DUCT & PIPE



ACOUSTICAL DUCT AND PIPE

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.

FEATURES

- Reinforced-foil faced mass loaded vinyl noise barrier available in 1 lb. psf & 2 lb. psf
- Quilted fiberglass decoupler available in 1" thick and 2" thick
- Acoustical ratings STC 27 – STC 34
- Easy to cut and install
- Accepts matching lag tape
- Passes UL-94 and FMVSS 302
- Class A flammability rated composite
- Roll size 54" x 30'

USED FOR WRAPPING

- Sheet Metal Ductwork
- Valves
- VAV Units
- Heat Exchangers
- Fans / Blowers
- Iron, Steel, and PVC Piping

ROLLS MEASURE 54" X 30'

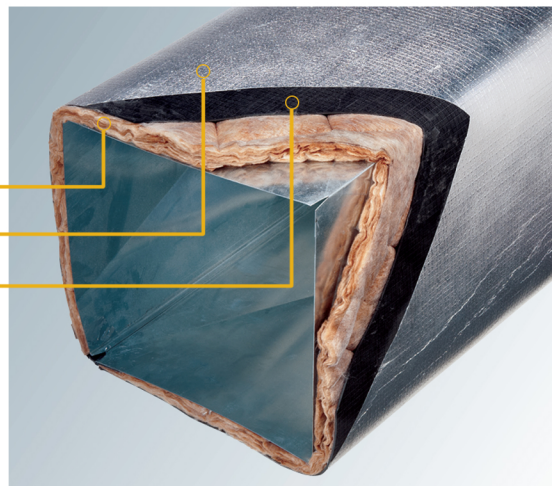
- Foil faced loaded vinyl barrier is 54" wide
- Quilted fiberglass decoupler:
- Standard 54" wide
- Available in 48" width for 6" built-in overlap

Quilted fiberglass decoupler

Outer reinforced-foil jacket

Mass loaded vinyl noise barrier

This cutaway view shows the individual components of ANC LAG which is a multilayered flexible acoustical lagging material





ACOUSTICAL LAGGING

Acoustical lagging materials are designed to reduce the transmission of radiated noise through the walls of ductwork or piping.

REINFORCED-FOIL FACED NOISE BARRIER

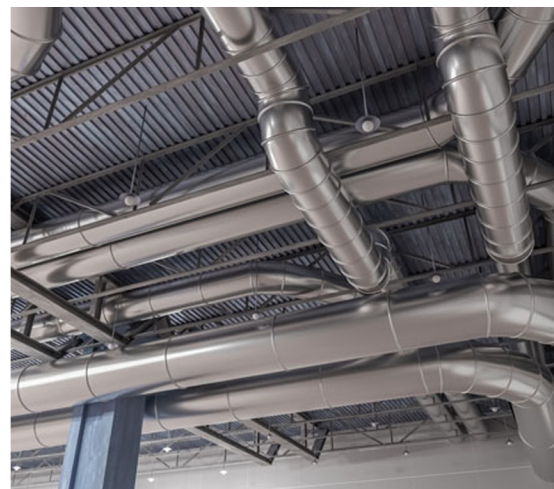
- The loaded vinyl noise barrier combines mass and flexibility to reduce the transmission of noise from one area to another

QUILTED FIBERGLASS DECOUPLER

- The Quilted Fiberglass Decoupler separates the noise barrier from the noise radiating surface for optimum noise reduction

EASILY INSTALLED

- The reinforced-foil facing accepts a matching lag tape for easy installation
- The one step installation of the combination decoupler, noise barrier, and protective facing saves time and can substantially lower installation costs





ACOUSTICAL COMPOSITE

ANC acoustical composite was used as an acoustical lagging on large diameter piping at a wastewater treatment facility. The durable reinforced barrier exterior combined with the quilted fiberglass decoupler offers maximum longevity as well as a 15 dB (A) noise reduction.

On the Cover – ANC SPECIALTY WRAP

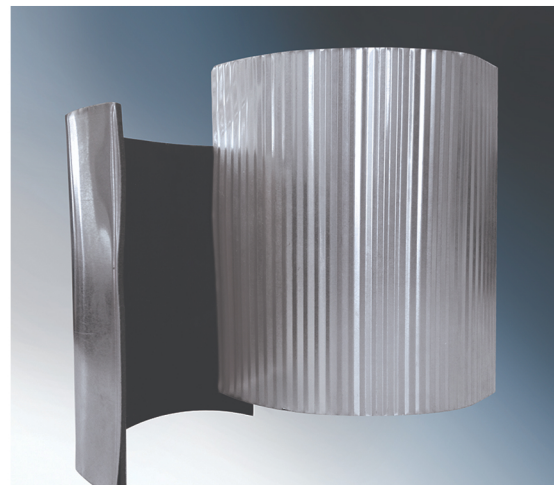
Custom panels manufactured from All Noise Control acoustical composite material sped up the installation of acoustical lagging products at a petroleum processing facility.

ALUMALAG

ANC Alomalag products combine a 1 lb. psf loaded vinyl noise barrier with a protective aluminum jacketing.

FEATURES:

- Aluminum available in a smooth, embossed, or corrugated finish in a variety of gauges



APPLICATIONS:

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. The reinforced mylar exterior readily accepts a matching lag tape for easy installation and also serves as a protective jacket for indoor or outdoor applications.

OCTAVE BAND FREQUENCIES (Hz)

OCTAVE BAND FREQUENCIES (Hz)							
PRODUCT	125	250	500	1000	2000	4000	STC
ANC-WBV	15	16	21	26	33	38	26

ASTM E-90 & E 413

ACOUSTICAL DATA

Sound transmission Data

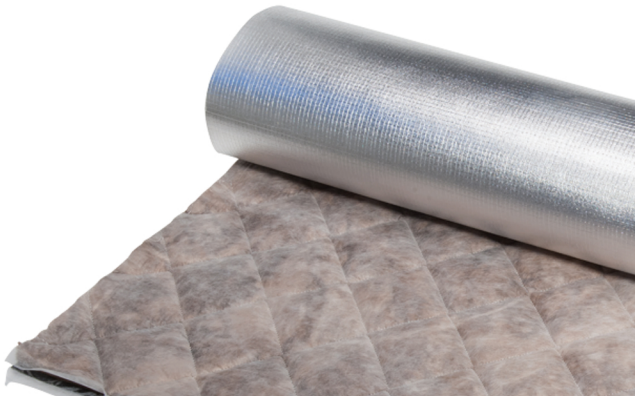
OCTAVE BAND FREQUENCIES (Hz)							
PRODUCT	1252	50	500	1000	2000	4000	STC
ANC-WBV42	19	20	23	33	44	53	30

Sound absorption Data

OCTAVE BAND FREQUENCIES (Hz)							
PRODUCT	1252	50	500	1000	2000	4000	NRC
ANC-WBV42	.07	.27	.961	.131	.08	.99	.85

PRODUCT DATA

Description:	1LB-psf reinforced mylar-faced vinyl barrier Nominal thickness 0.90 inch
Temperature range:	-10° to +180° F
Standard width:	48"
Roll length:	30. or 60'
Weight:	1.0LB psf
Flammability:	UL94: meets VO
Smoke Developed:	395 (per ASTM E-84)
Flame Spread:	32.5 (per ASTM E-84)



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