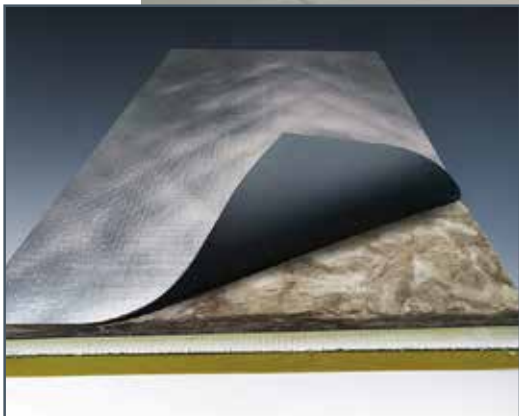
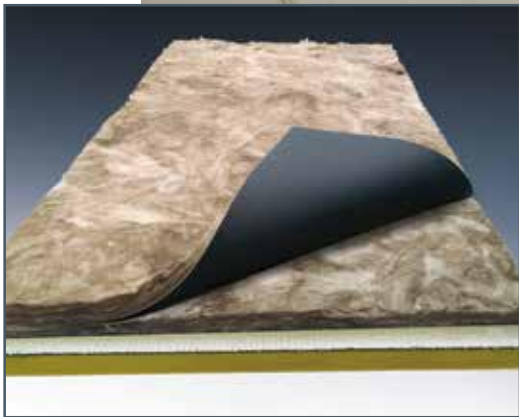




NOISE BARRIER CEILING TILE COVERS





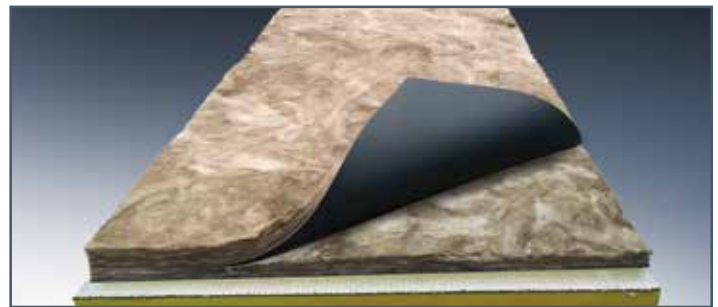
NOISE BARRIER CEILING TILE COVERS CAN REDUCE COMMON MECHANICAL NOISE PROBLEMS

HVAC UNITS (including rooftop units)

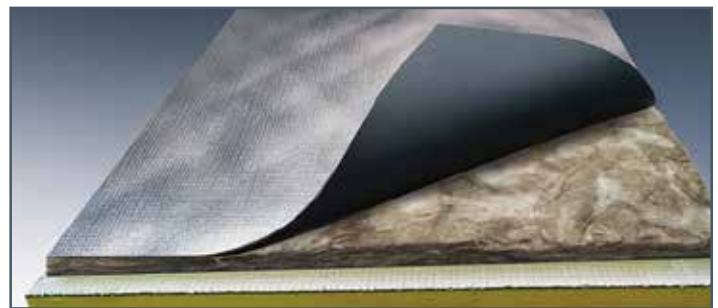
- Radiated equipment noise
- Duct Noise (noise generated as air moves down the duct or popping and banging from expansion / contraction of the duct)
- Noise breaking into and out of ducts through duct walls
- Self-noise created by changes in air velocity, elbows and dampers

PLUMBING SOURCES

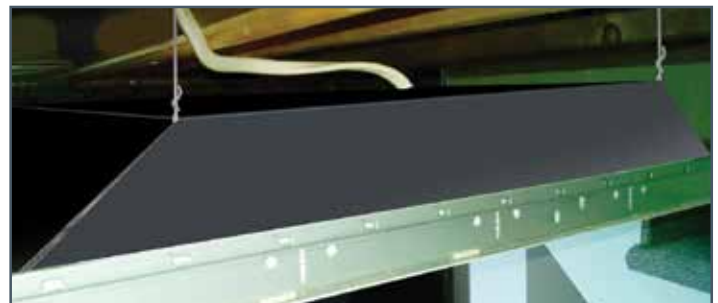
- Expansion & contraction of hot and cold water flow through pipes
- Water Hammer
- Moaning and shrieking caused by high pressure flow through valves and orifices
- Improperly strapped down pipes which cause thumping, rattling, and squeaking



NBCTC Model 1-1-1 features a flexible 1 lb/sq ft loaded vinyl noise barrier sandwiched between two layers of 1" fiberglass for maximum acoustical performance with Class A flammability ratings for use in any building.



NBCTC Model 10LAG-1 combines a flexible 1 lb/sq ft foil faced loaded vinyl noise barrier with a 1" fiberglass decoupler to enhance its noise reduction properties.



NBCT Light Fixture Covers are oversized and provided with corner slits to conform to the shape of the convex light fixtures.

NOISE BARRIER CEILING TILE COVERS

Traditional acoustical drop ceiling tiles are designed to reduce the echo within a space. They do so by allowing noise to pass through them, from the occupied space below, into the void above the tiles. This means that sound in pipes and ductwork and noise from equipment can also pass through them, disturbing people in rooms below. Whether the undesirable sound is conversation or noise from pipes, ducts and equipment, Sound Seal's Noise Barrier Ceiling Tile Covers make a difference.

The most effective ways to minimize noise from HVAC units is to reduce the noise either at its source or along the path. Noise Barrier Ceiling Tile Covers effectively block sound transmission through ceiling tile systems. They combine a limp barrier layer with an absorber / decoupler to achieve much greater isolation than would be achieved with a layer of insulation alone.

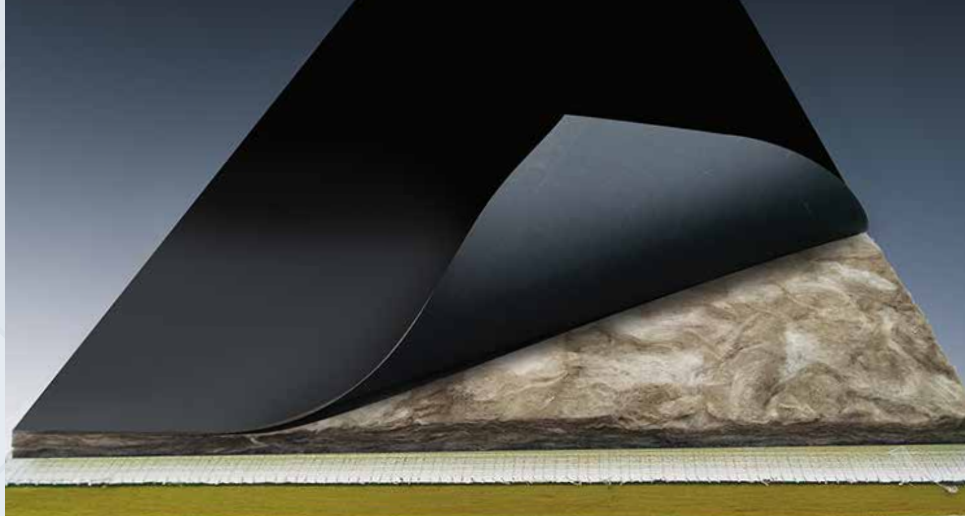
NOISE BARRIER CEILING TILE COVERS (NBCTC)

ENSURE SPEECH PRIVACY IN

- Conference rooms
- President / CEO offices
- Human Resource offices
- Doctors' offices
- Counseling areas

NBCTC COVERS ARE

- Die cut to various sizes:
24" x 24" and 24" x 48" to lay on top of standard ceiling tiles or 30" x 30" and 30" x 54" with diagonal slits in the corners to lay on top of light fixtures
- Easy to install
- Allow access to the plenum area



PRODUCT DATA: NBCTC MODEL 1-1

Description NBCTC 1-1 combines a flexible 1-lb psf loaded vinyl noise barrier with a 1" fiberglass decoupler to enhance its acoustic performance by raising the barrier above the t-grid system for a gap free installation.

Nominal thickness 1.00"

Standard sizes 24" x 24", 24" x 48", or 30" x 54"

Weight 1.2 LB psf

ACOUSTICAL PERFORMANCE:

| Product | OCTAVE BAND FREQUENCIES (HZ) | | | | | | STC |
|---------|------------------------------|-----|-----|------|------|------|-----|
| | 125 | 250 | 500 | 1000 | 2000 | 4000 | |
| NBCTC | 11 | 16 | 24 | 30 | 35 | 35 | 27 |

Per ASTM E-90



WHO IS SOUND SEAL?

Since 1978, Sound Seal has been a leader in the acoustics field, offering a complete line of soundproofing and noise control products for industrial, architectural, construction, and HVAC markets. Our product lines include:

- Sound Curtains
- Noise Barriers
- Acoustic Pipe and Duct Wraps
- Acoustical Wall Panels
- Ceiling Panels
- Wood Ceilings
- Wood Wall Panels
- Acoustical Floor Underlayments

With a wide selection of products for the soundproofing industry, and sound control solutions for every type of noise problem, our expert staff is available to advise you about product selection and installation.



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For 3-part specifications on
all of our LAG products visit:
www.pipeandduct.com
www.soundseal.com



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